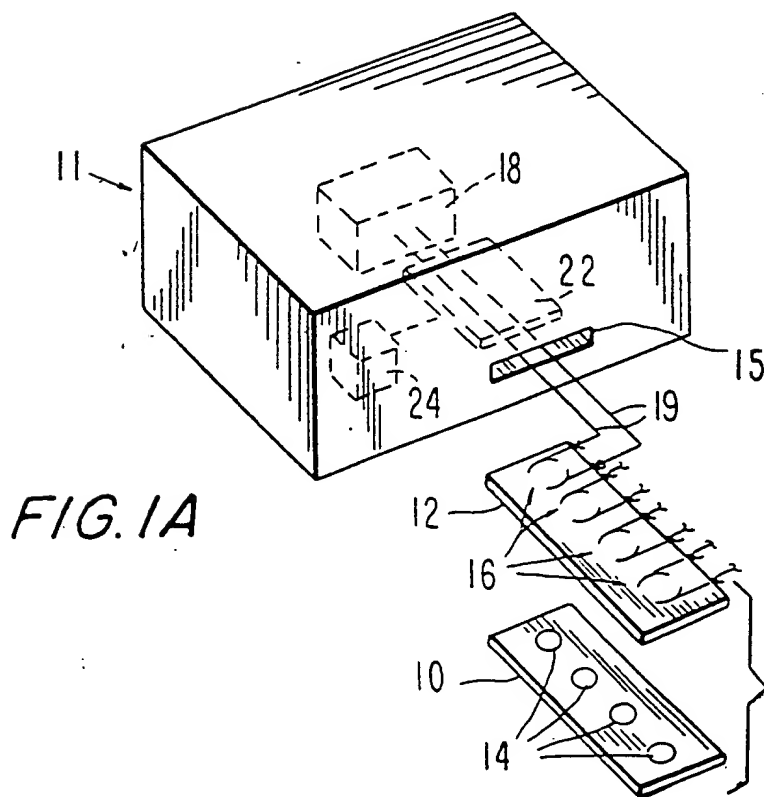
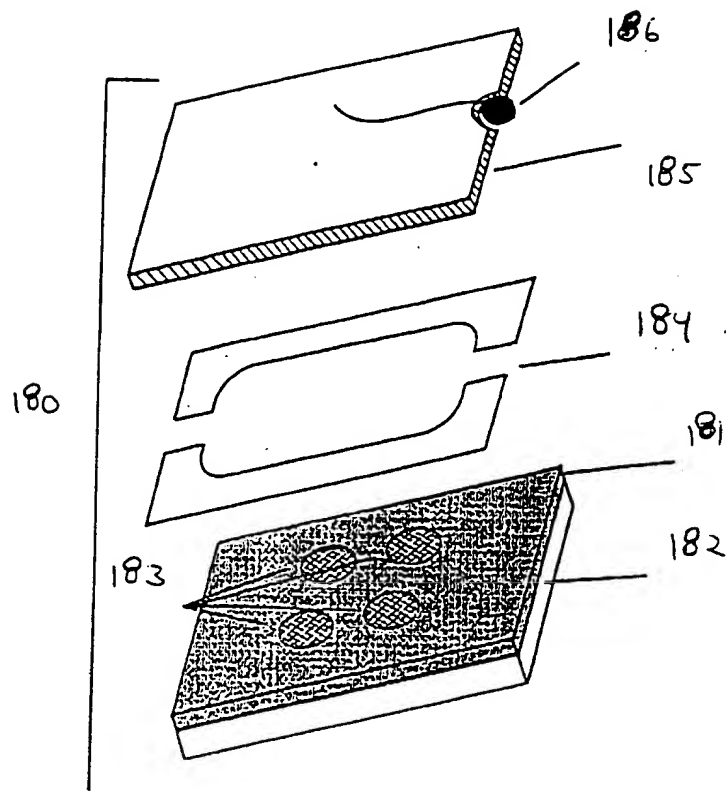
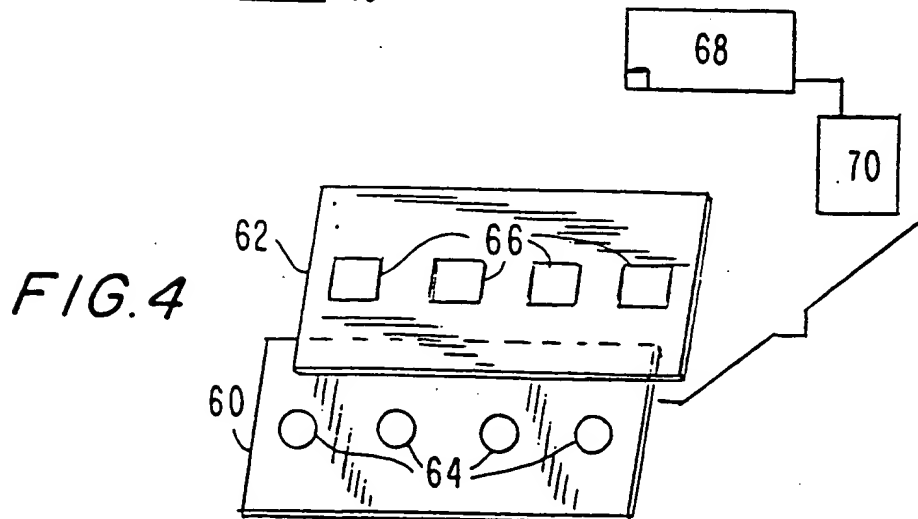
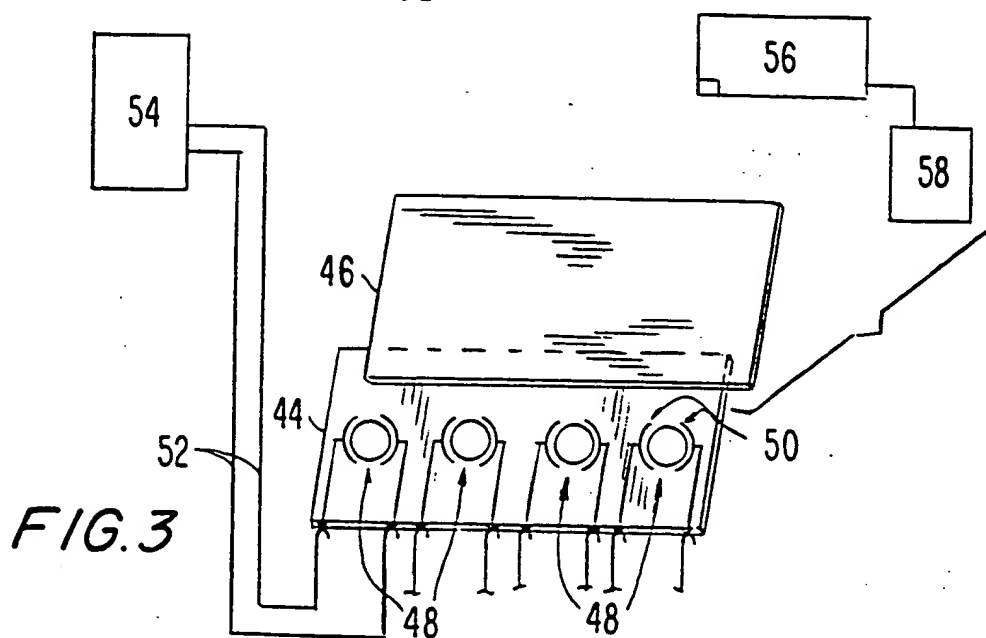
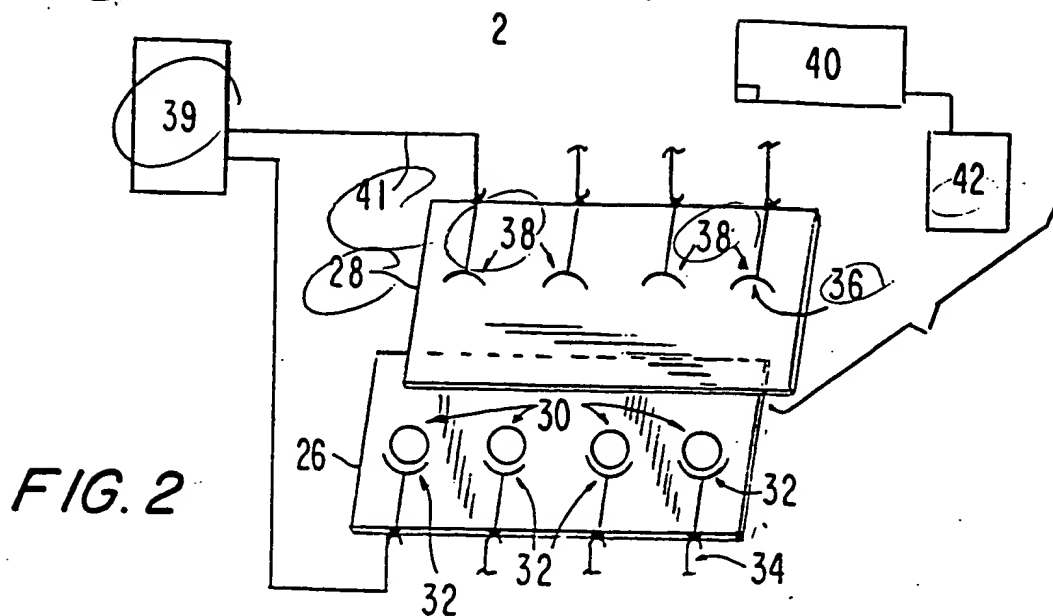


Figure 1





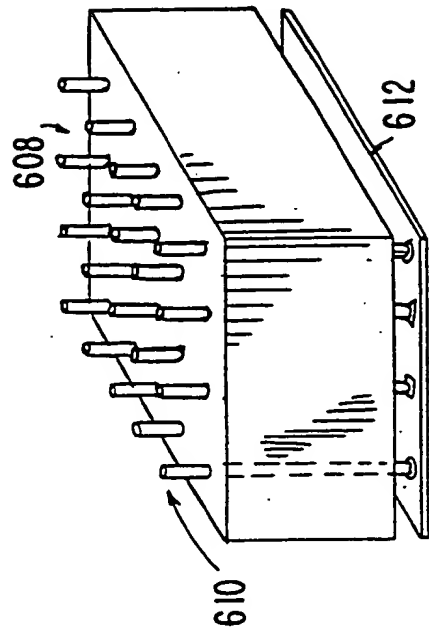
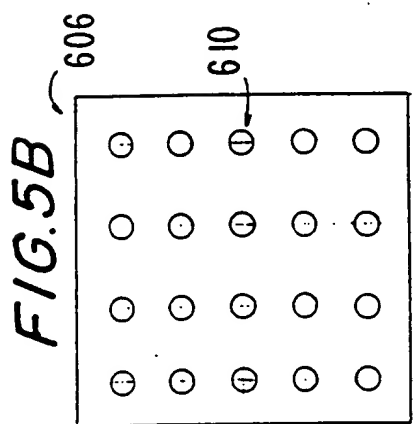
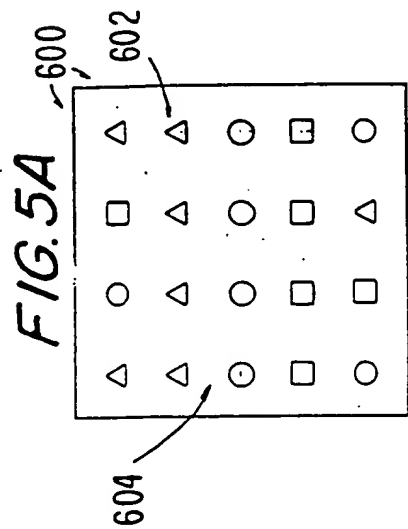


FIG. 5C

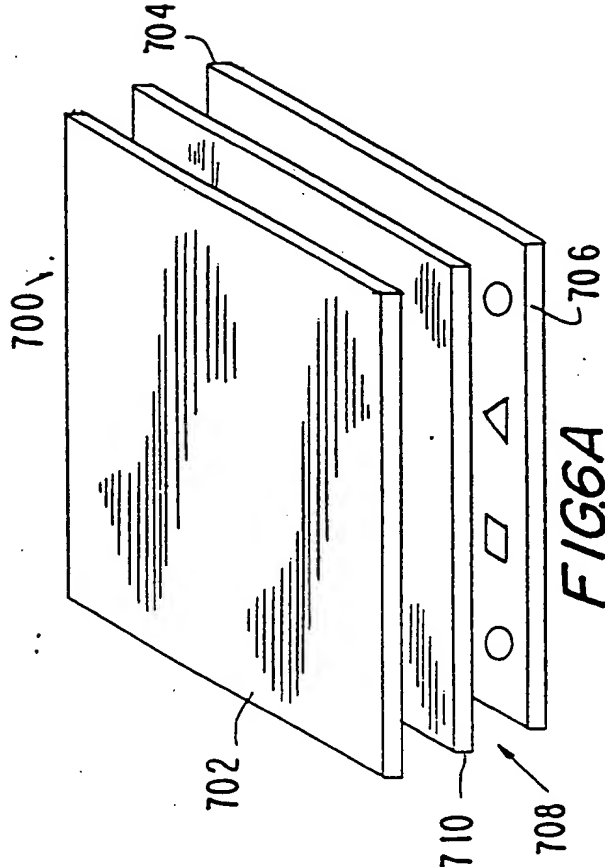


FIG. 6A

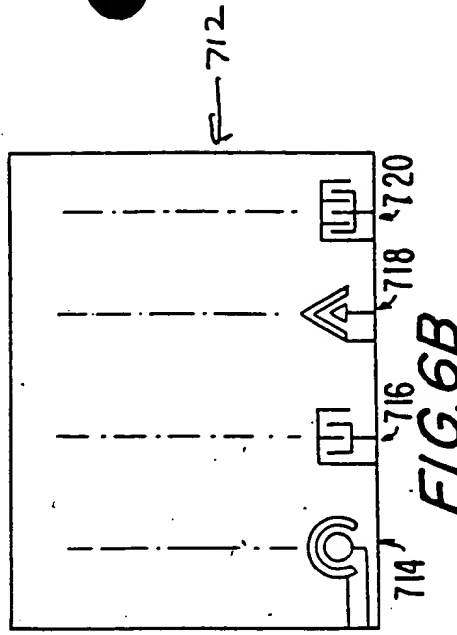


FIG. 6B

FIG. 7

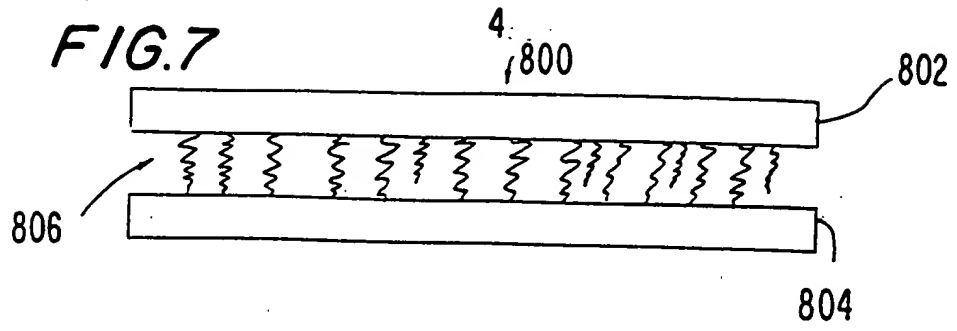


FIG. 8

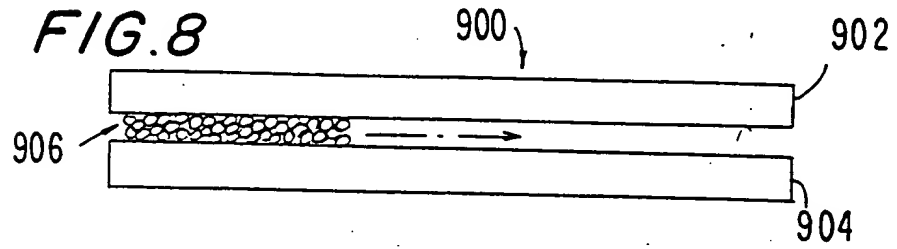


FIG. 9

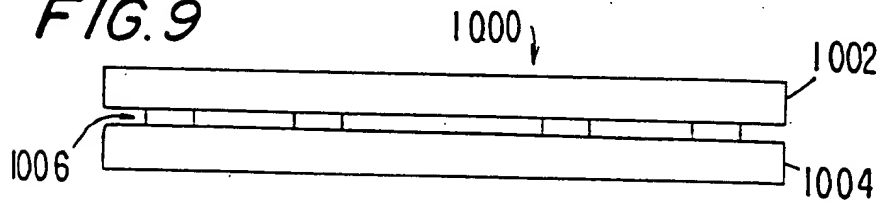


FIG. 10

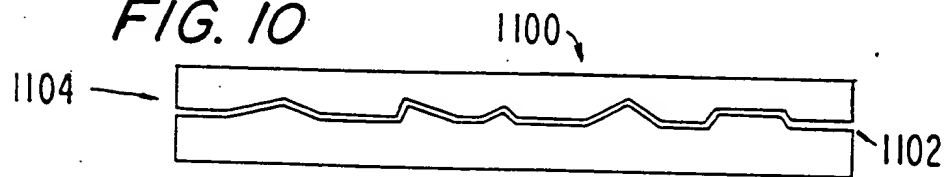


FIG. 11

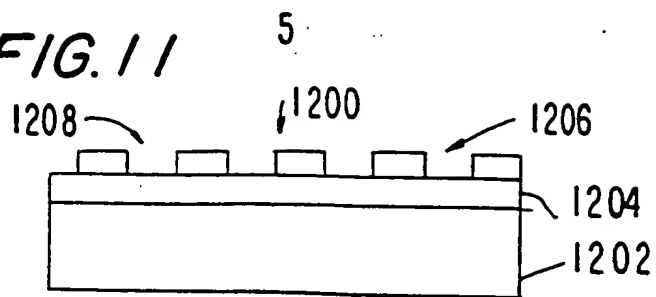


FIG. 12

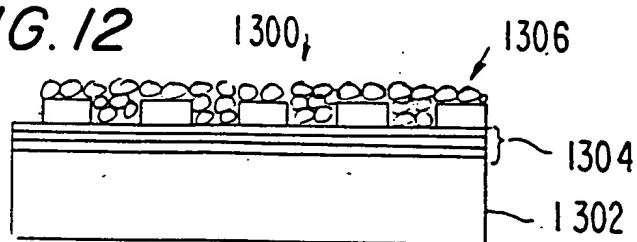
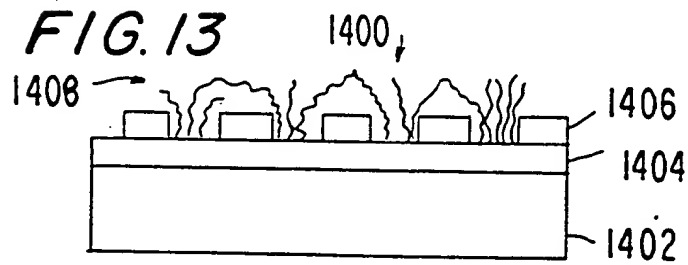


FIG. 13



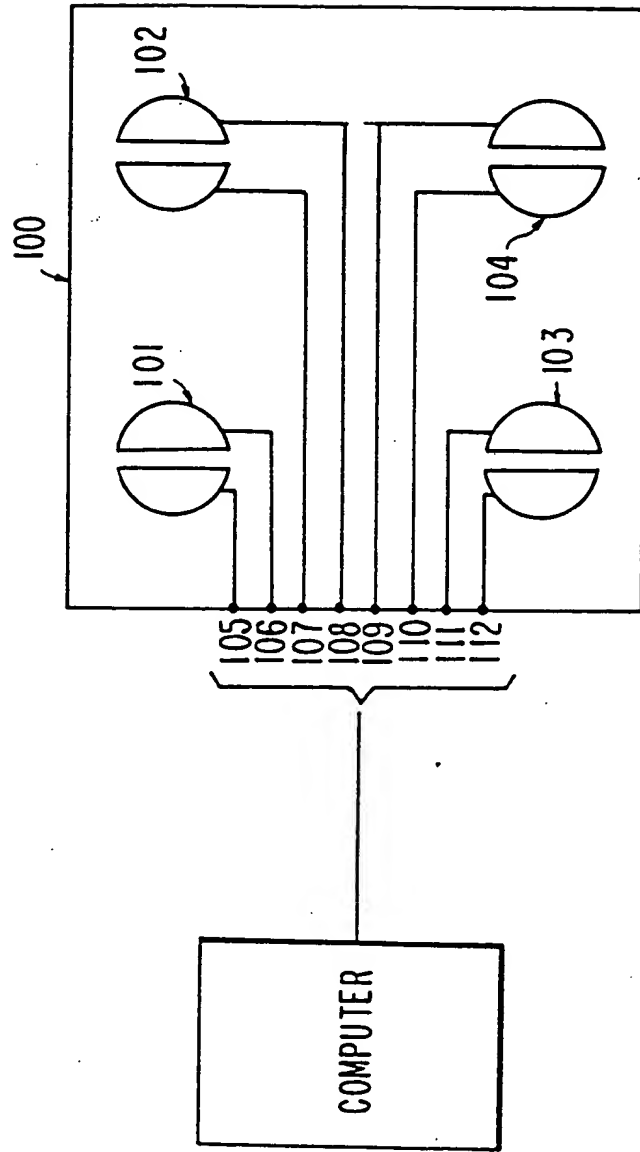


FIG. 14

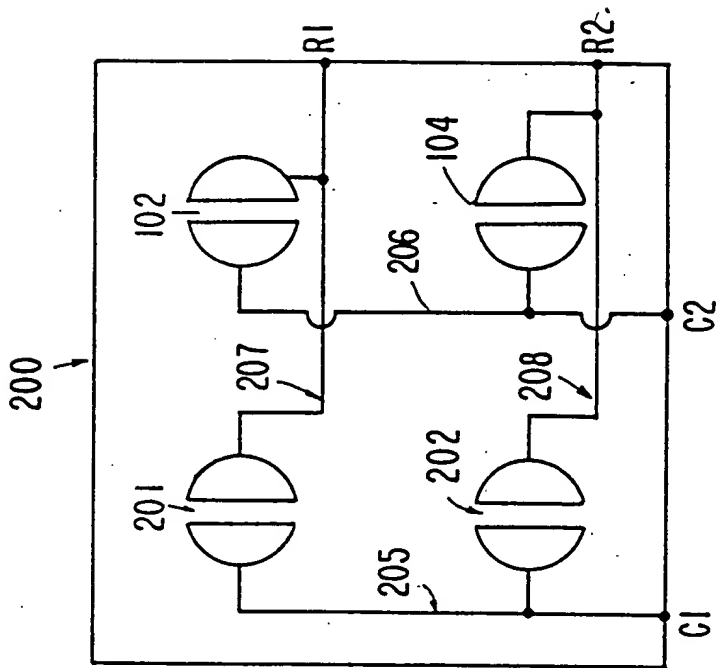


FIG. 15

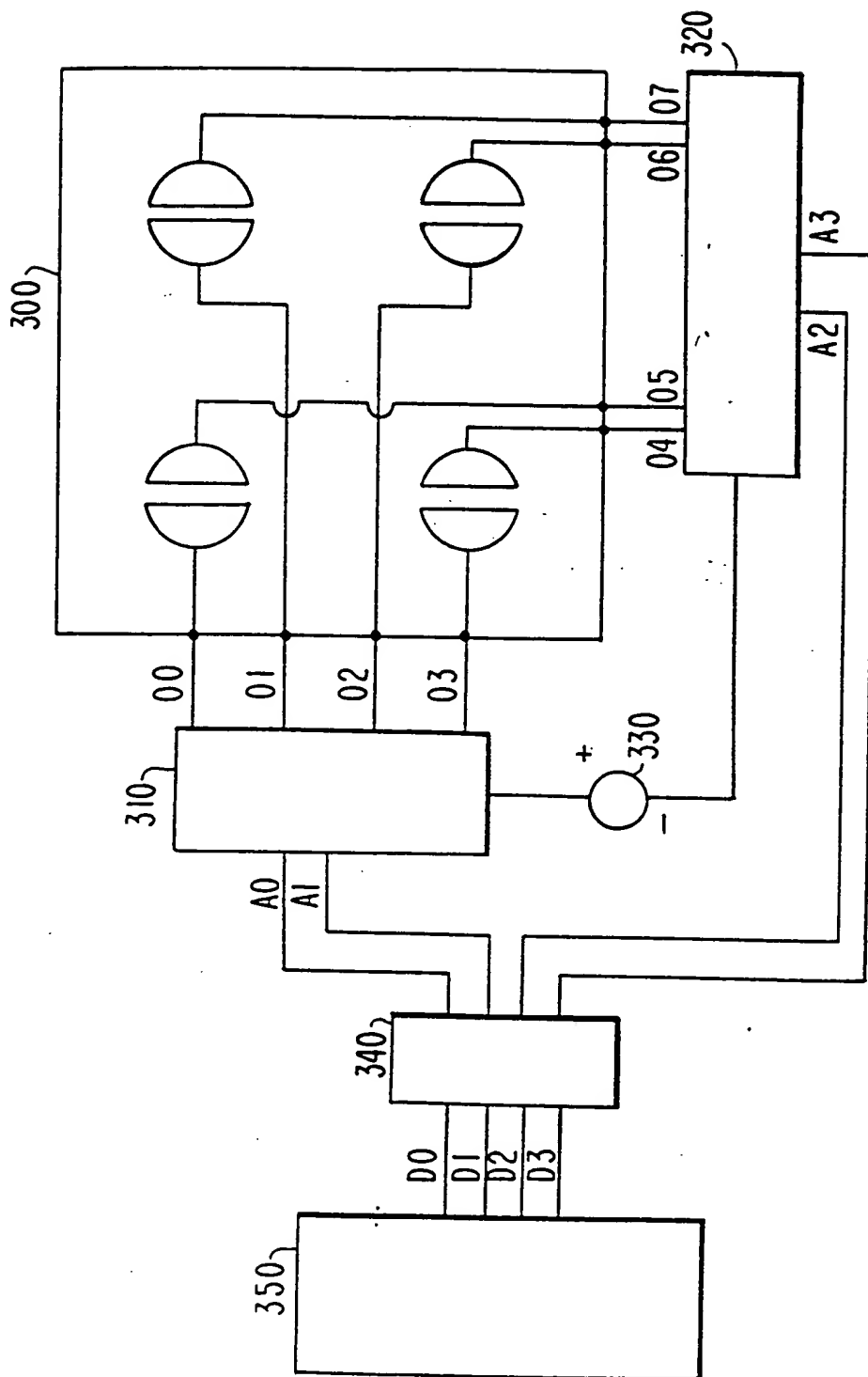
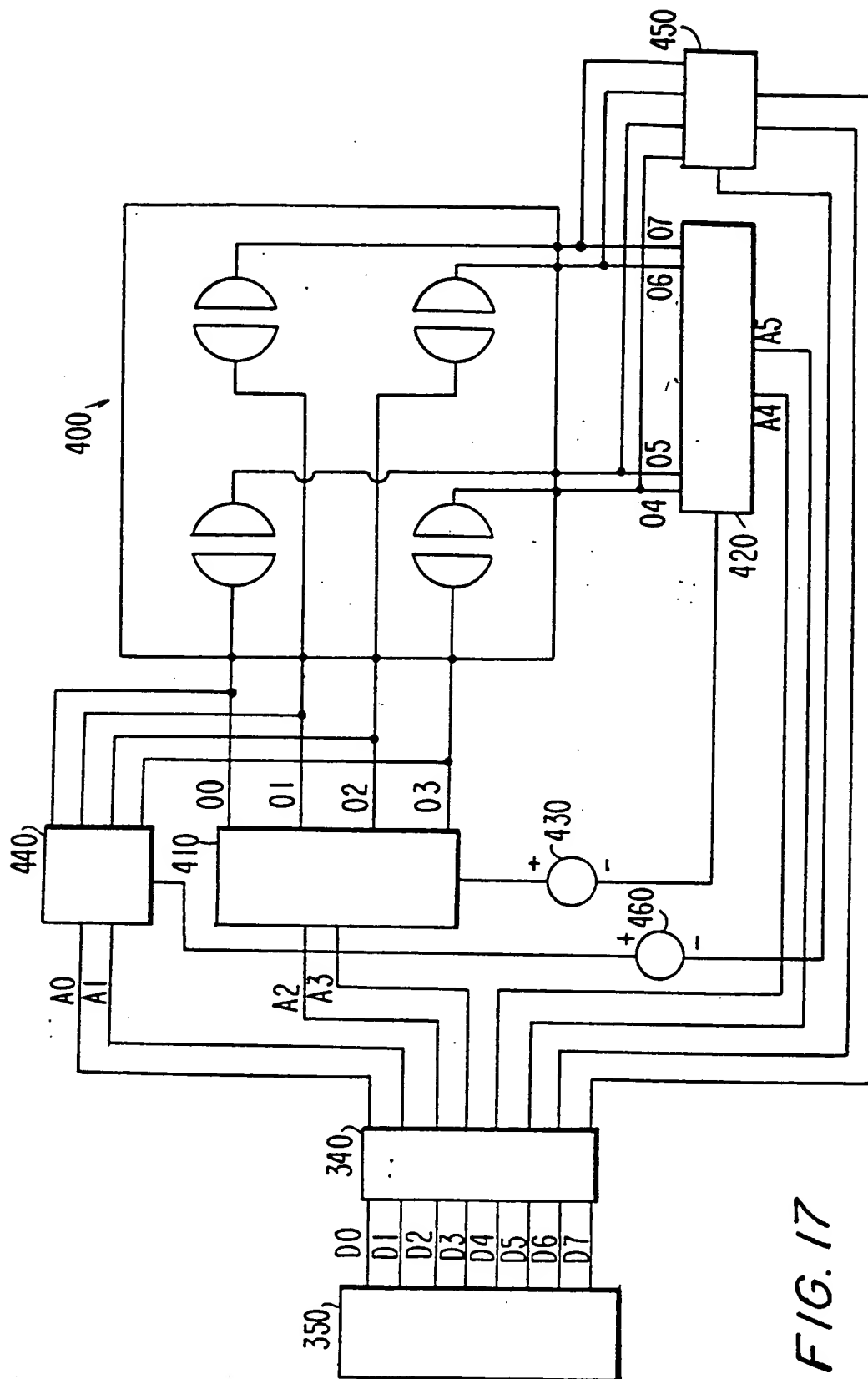


FIG. 16



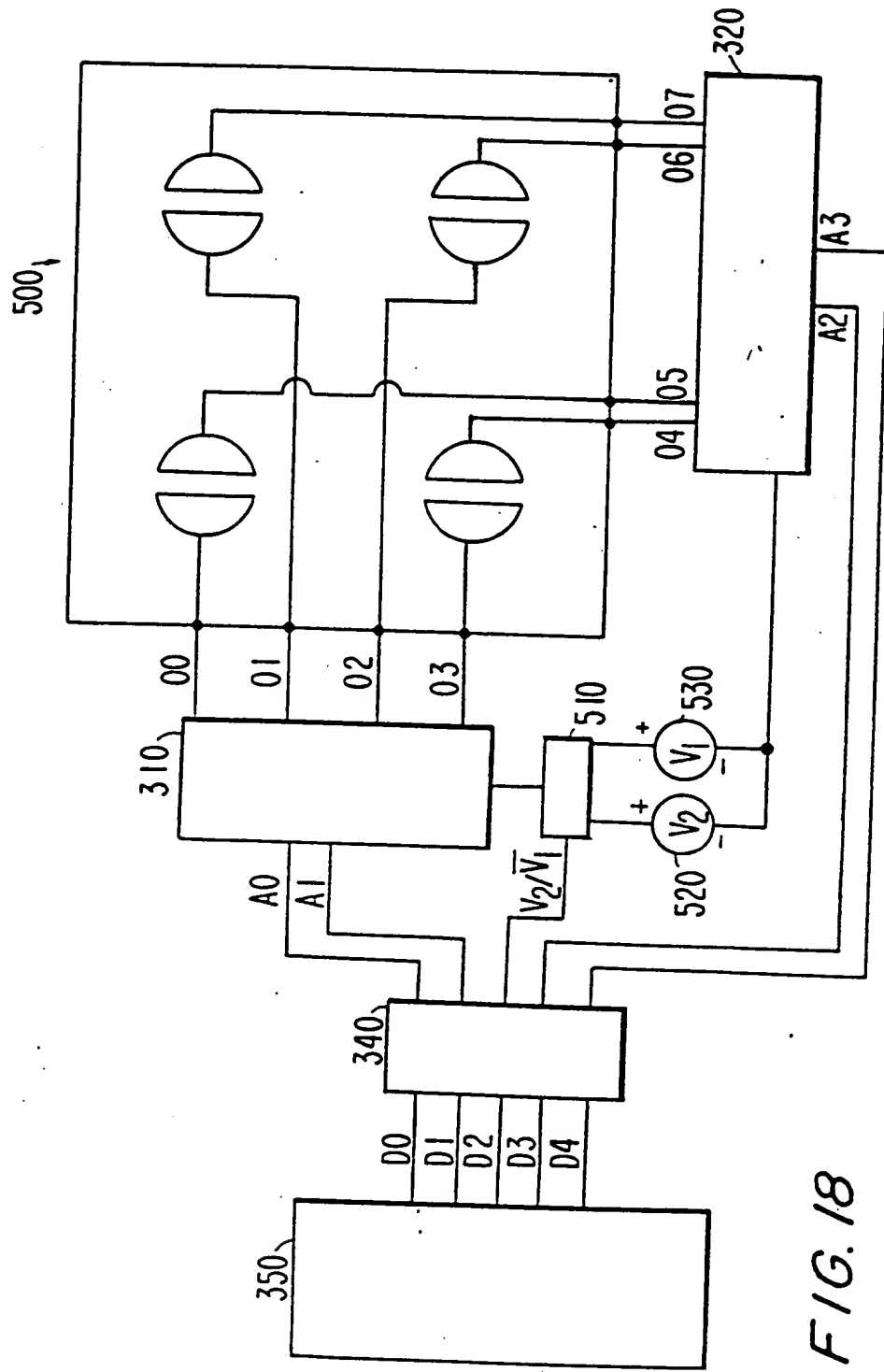


FIG. 18

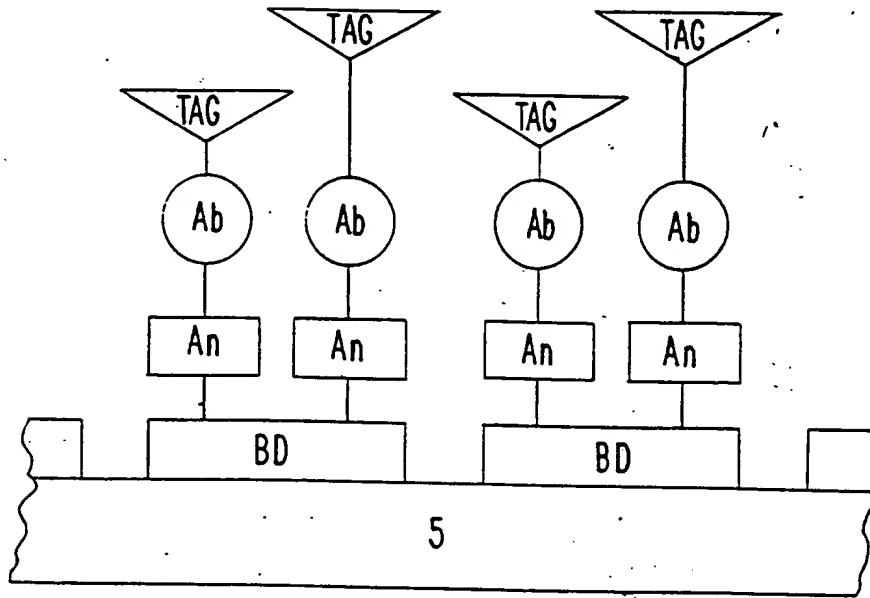
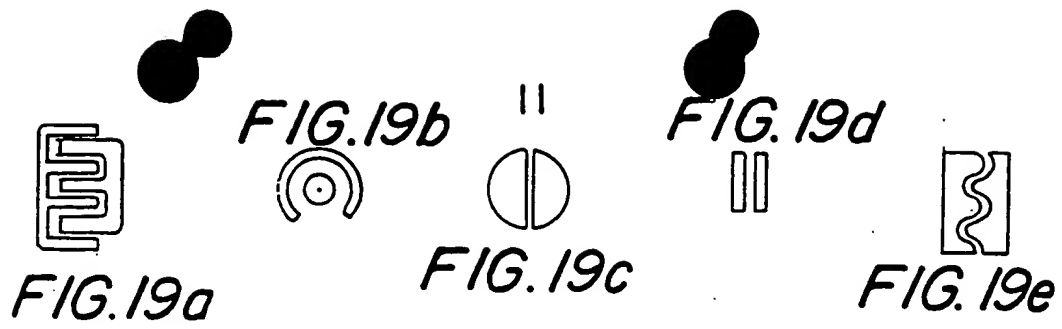


FIG. 20

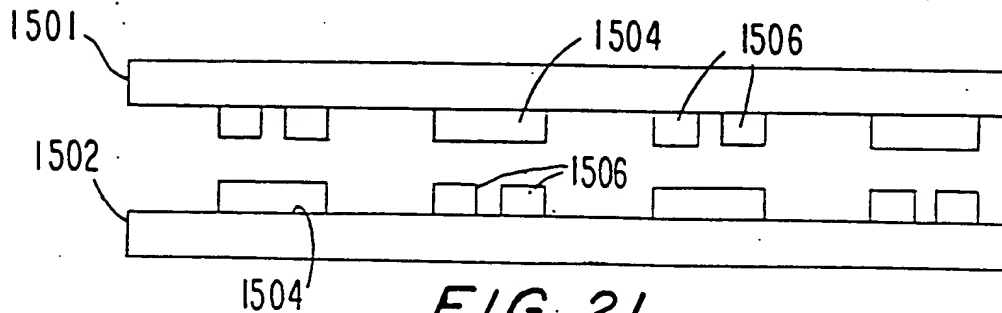


FIG. 21

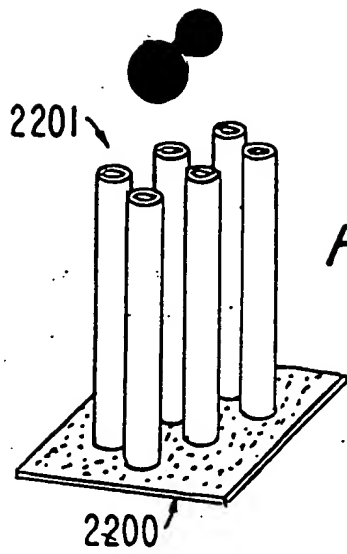


FIG. 22A

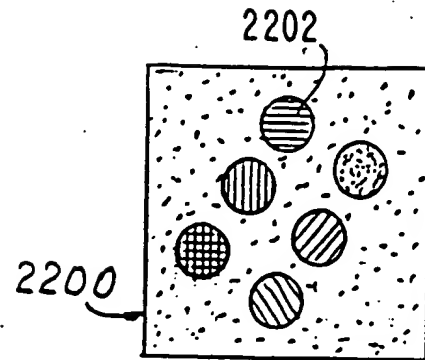


FIG. 22B

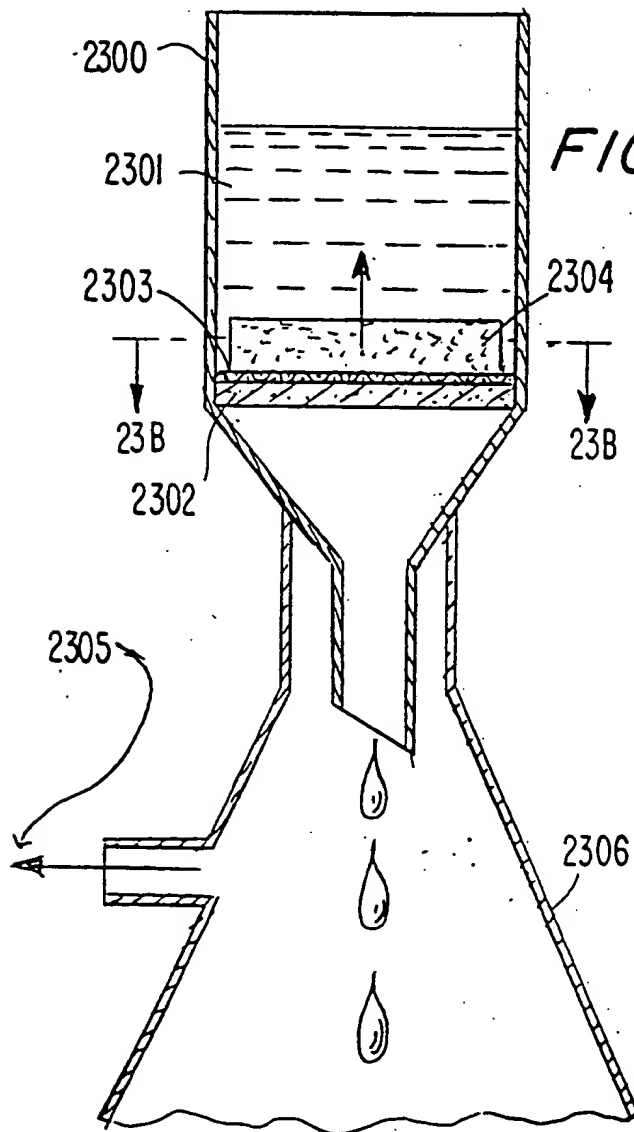


FIG. 23A

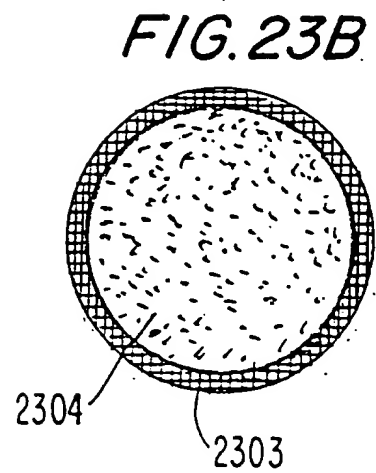


FIG. 23B

FIG. 24

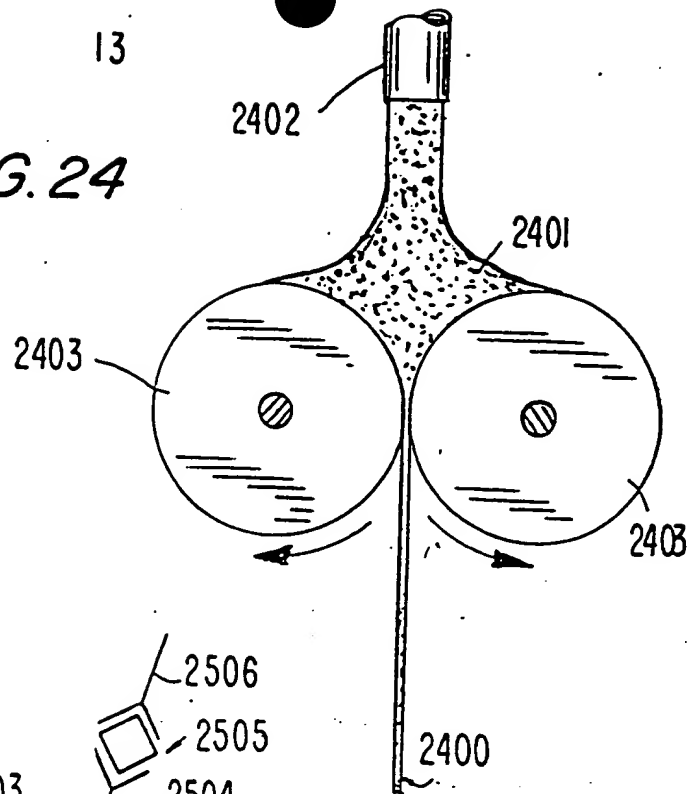


FIG. 25

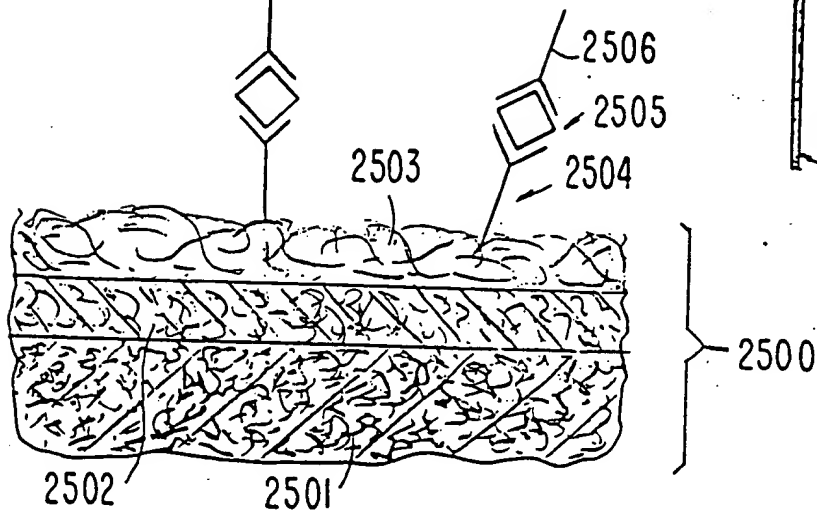


FIG. 26

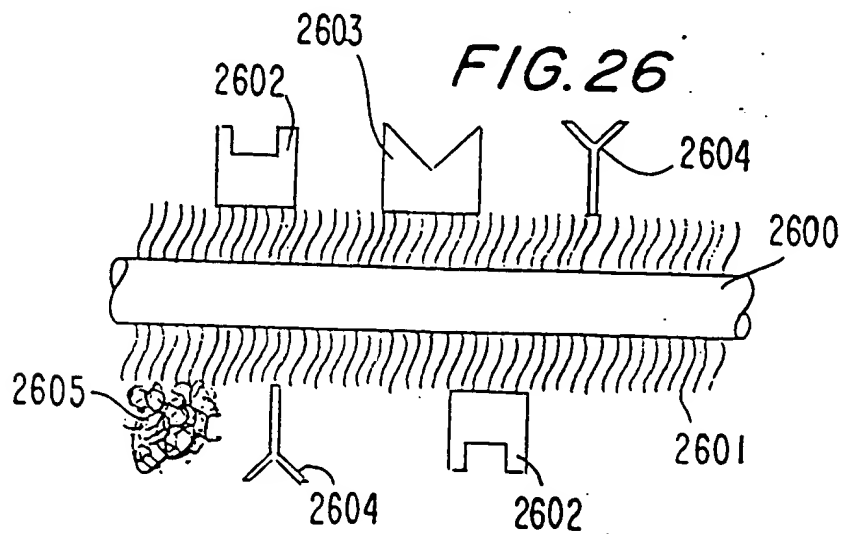


FIG. 27

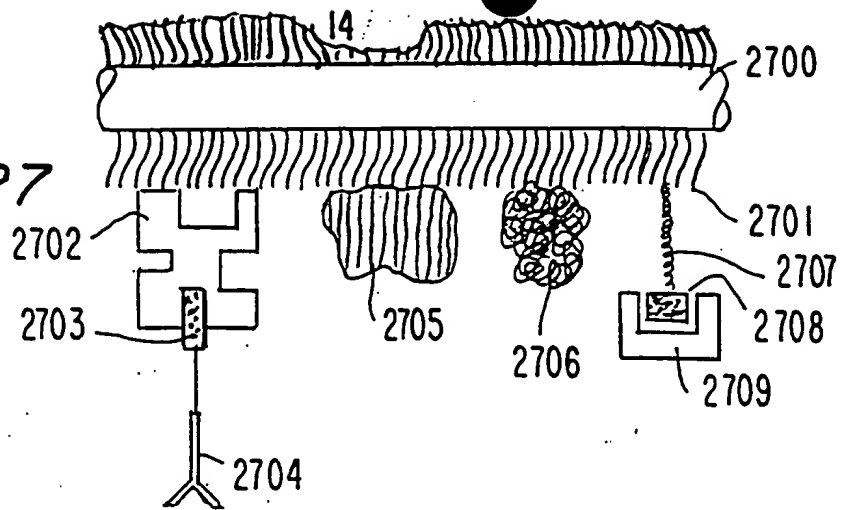


FIG. 28

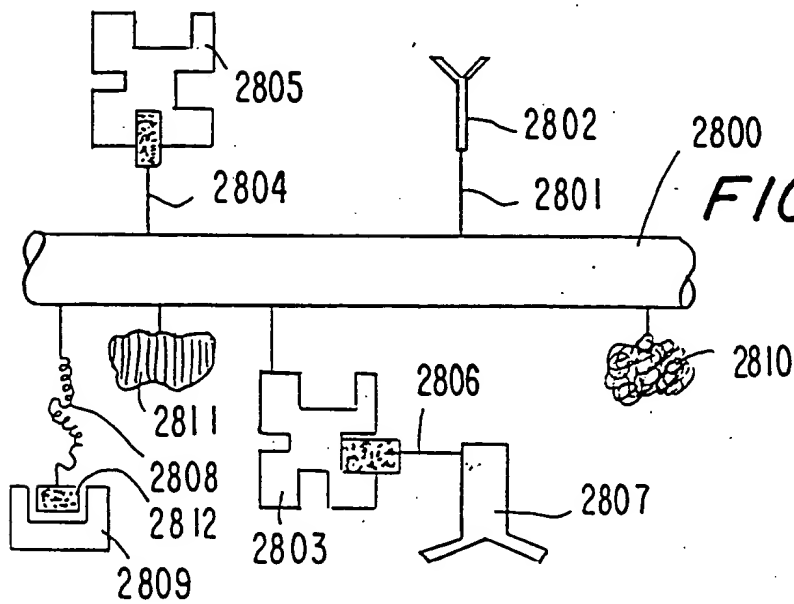
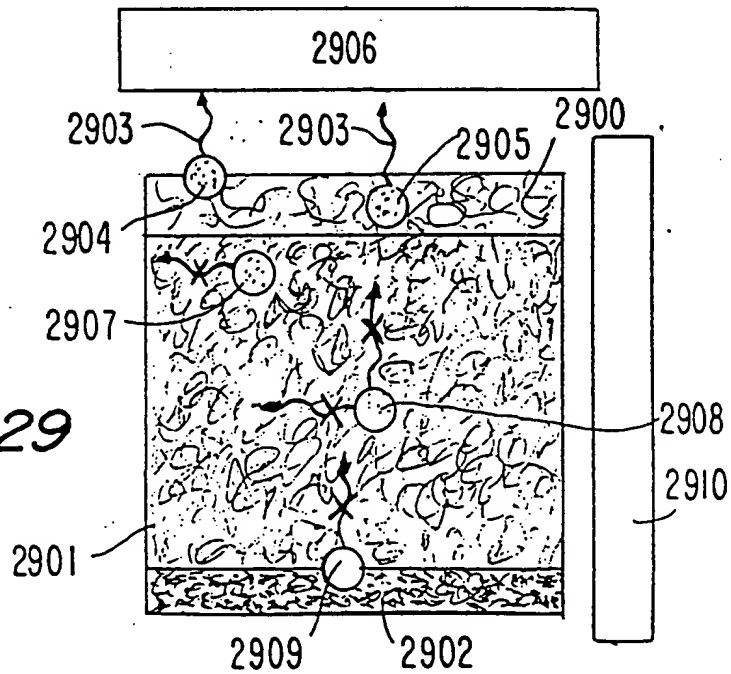


FIG. 29



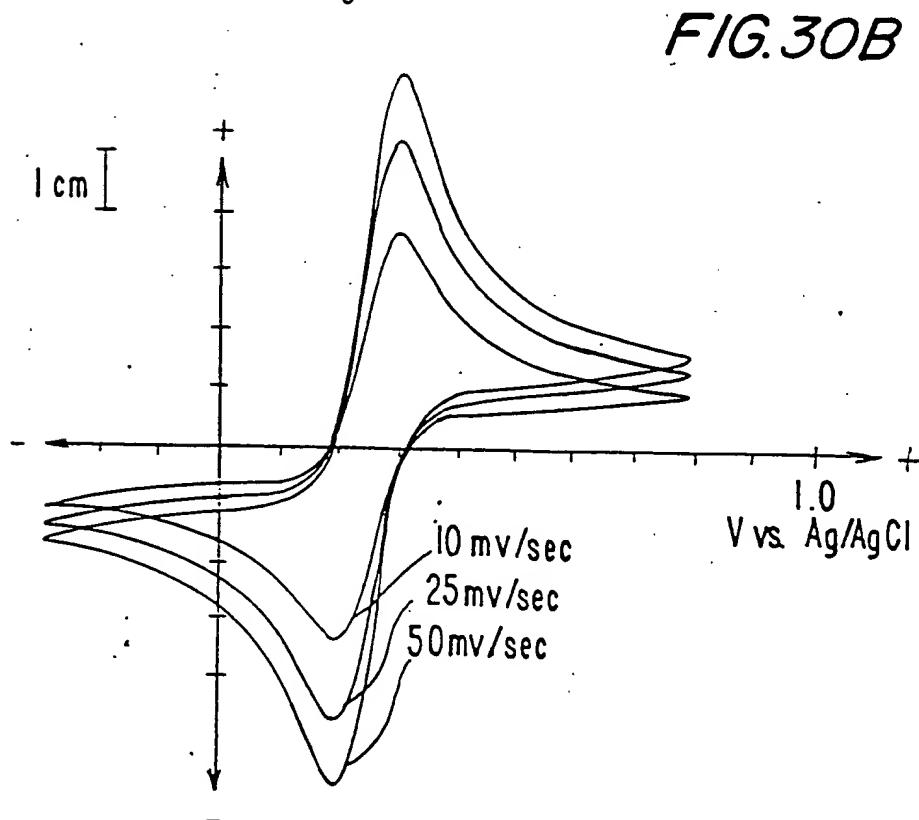
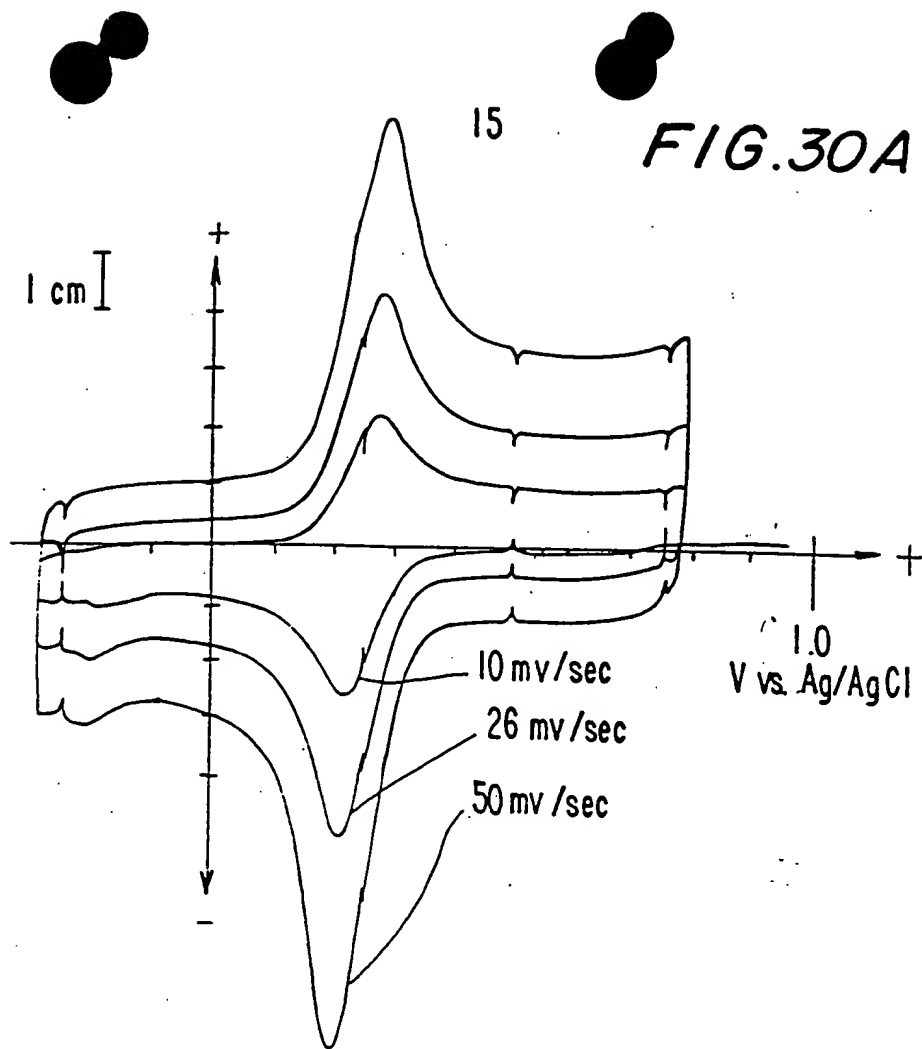


FIG. 31

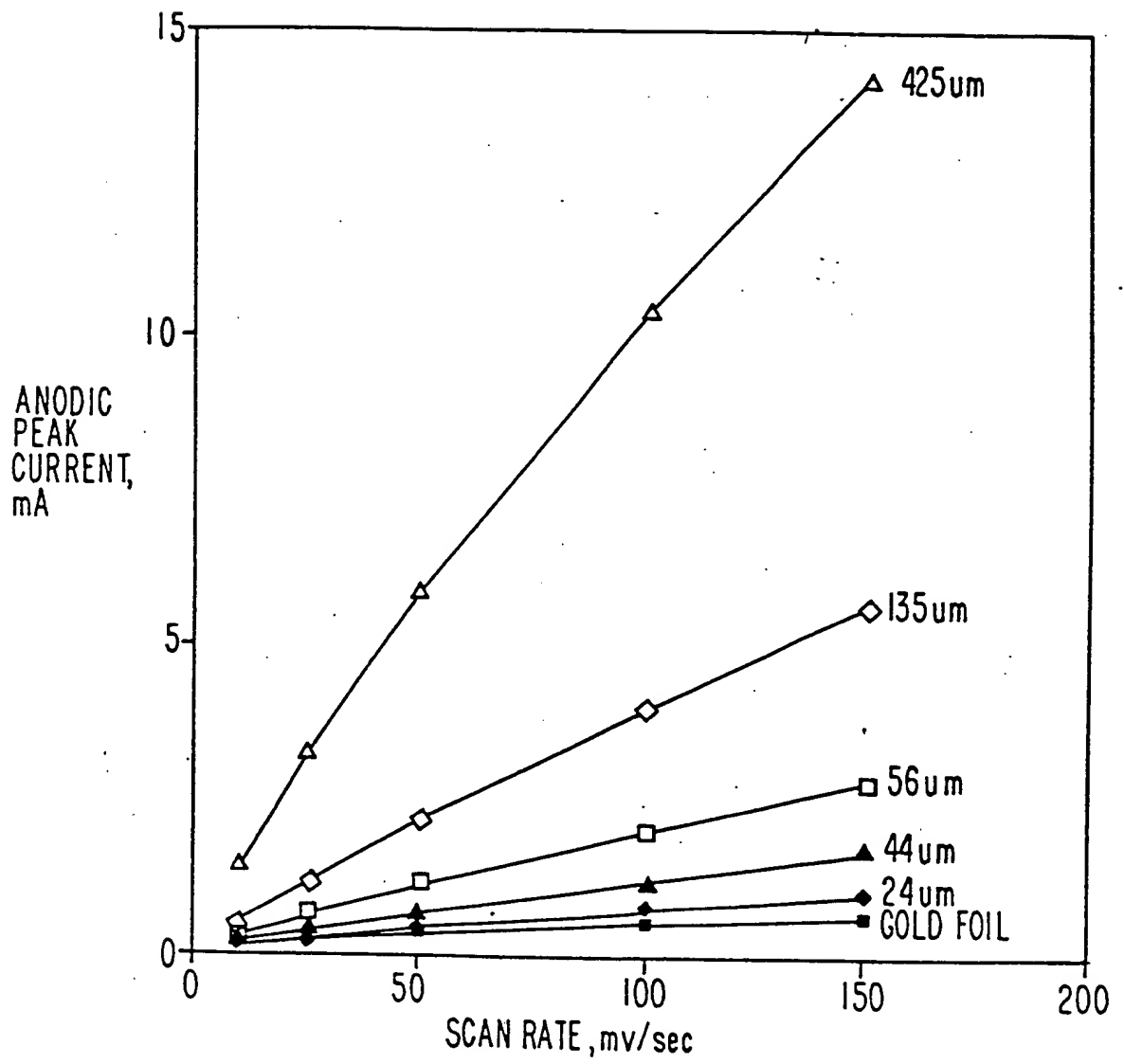
0577496-012904
FO5270-9627250

FIG. 32

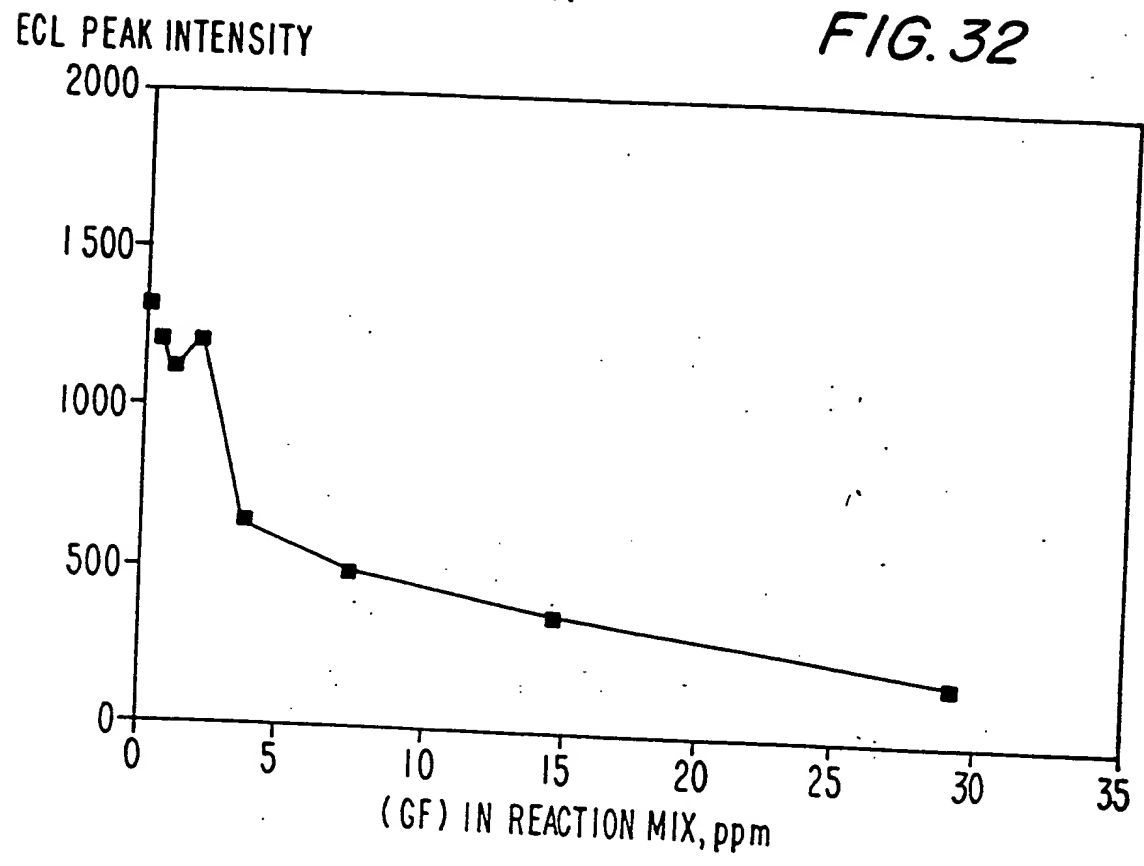
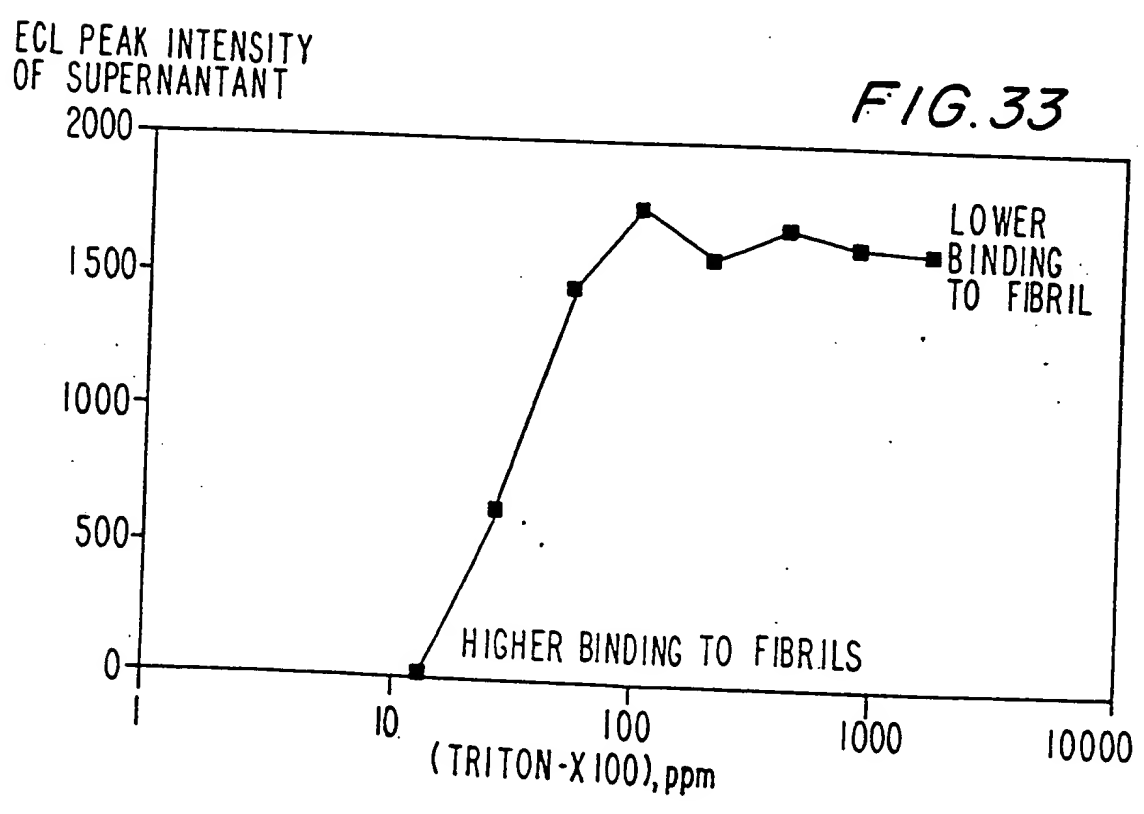


FIG. 33



2025032600

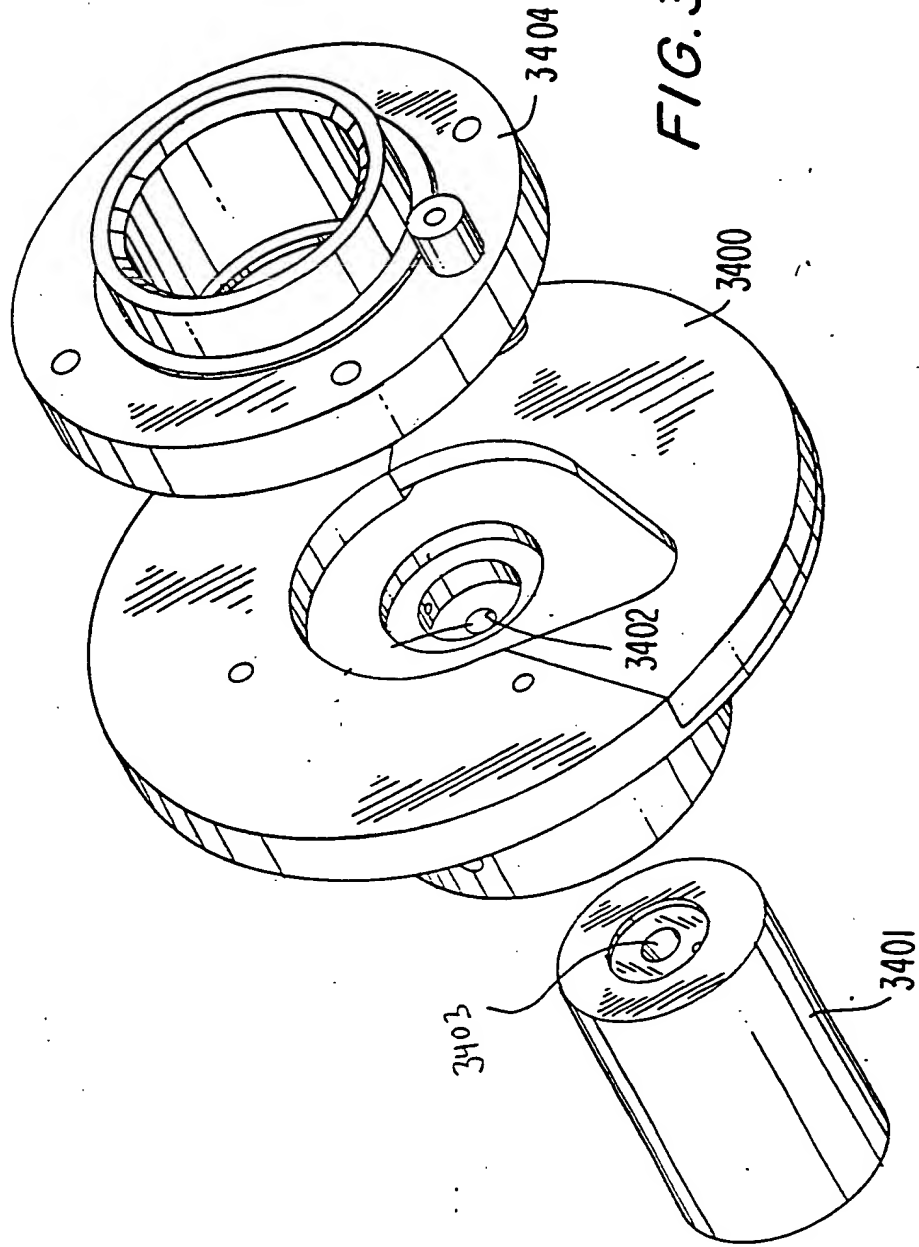


FIG. 35

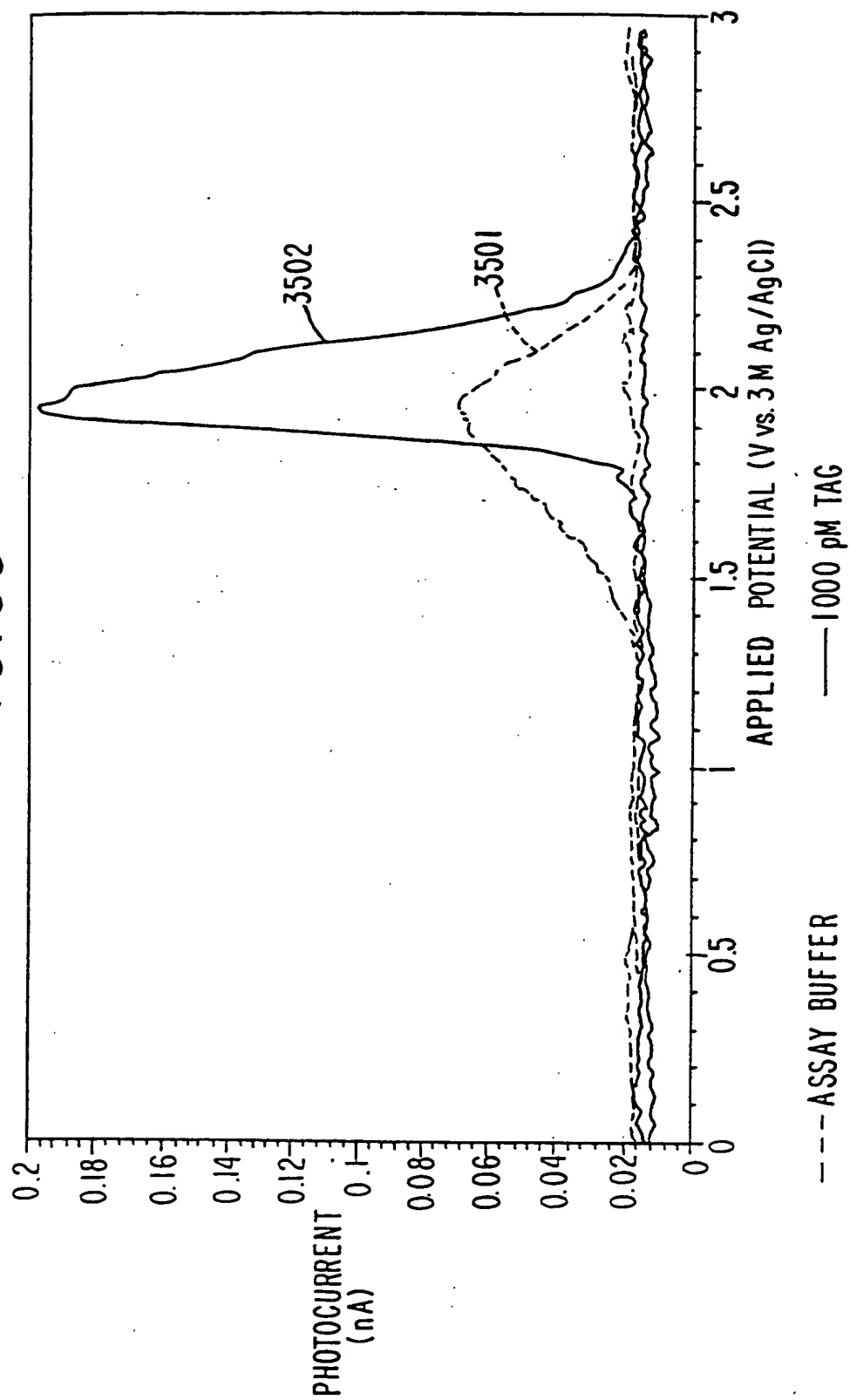


FIG. 36

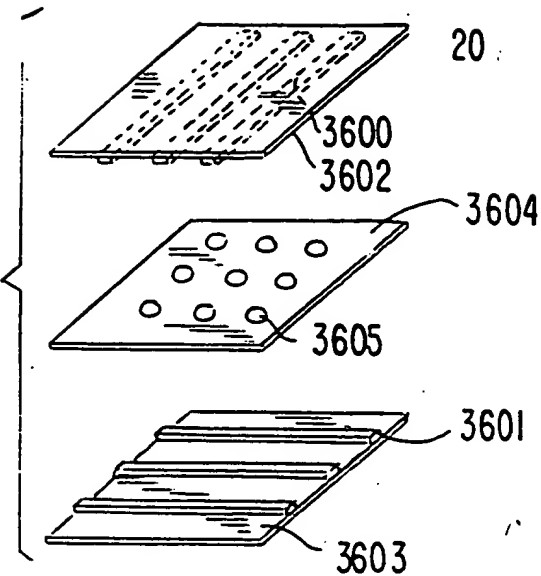


FIG. 37

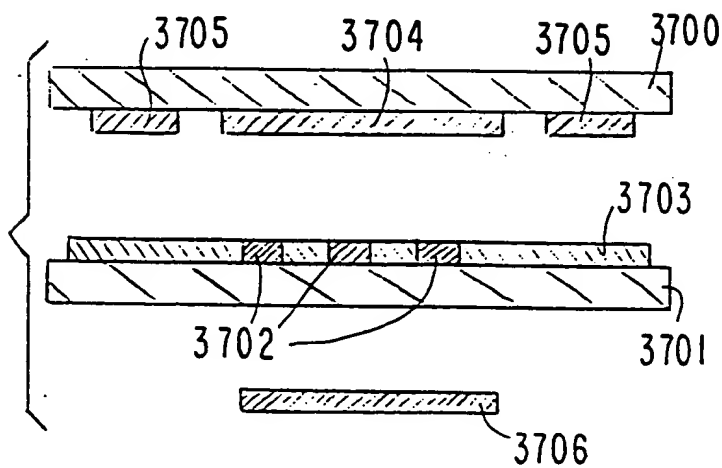


FIG. 38

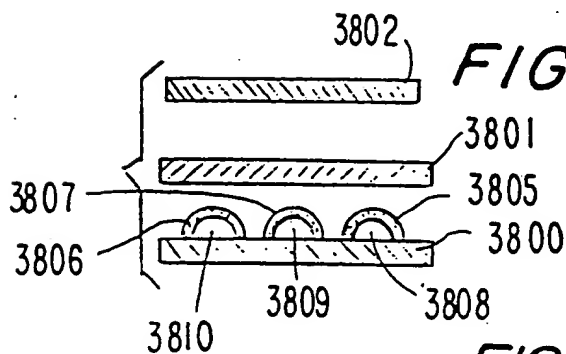


FIG. 39

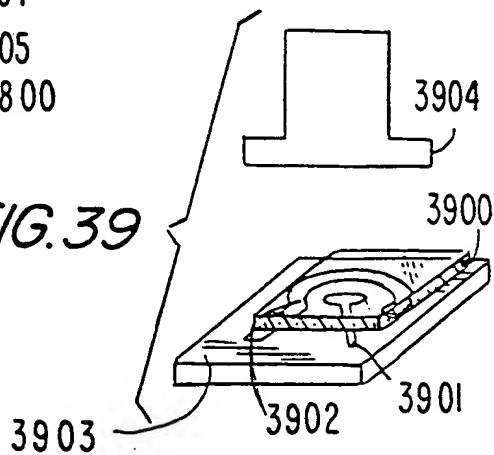


FIG. 40²¹

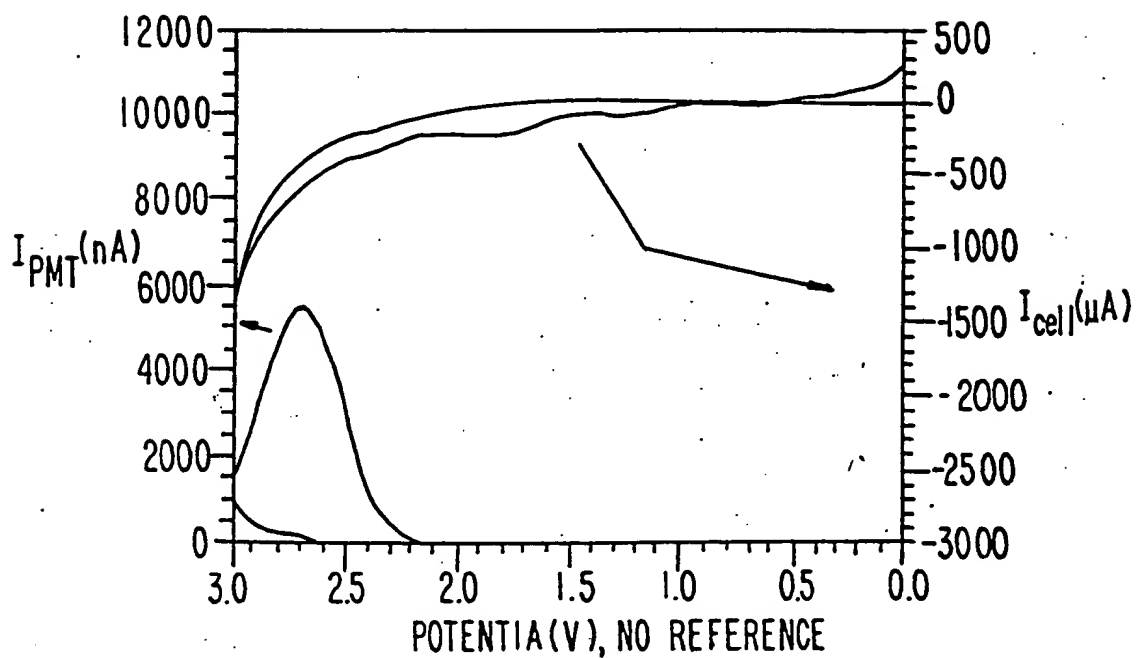
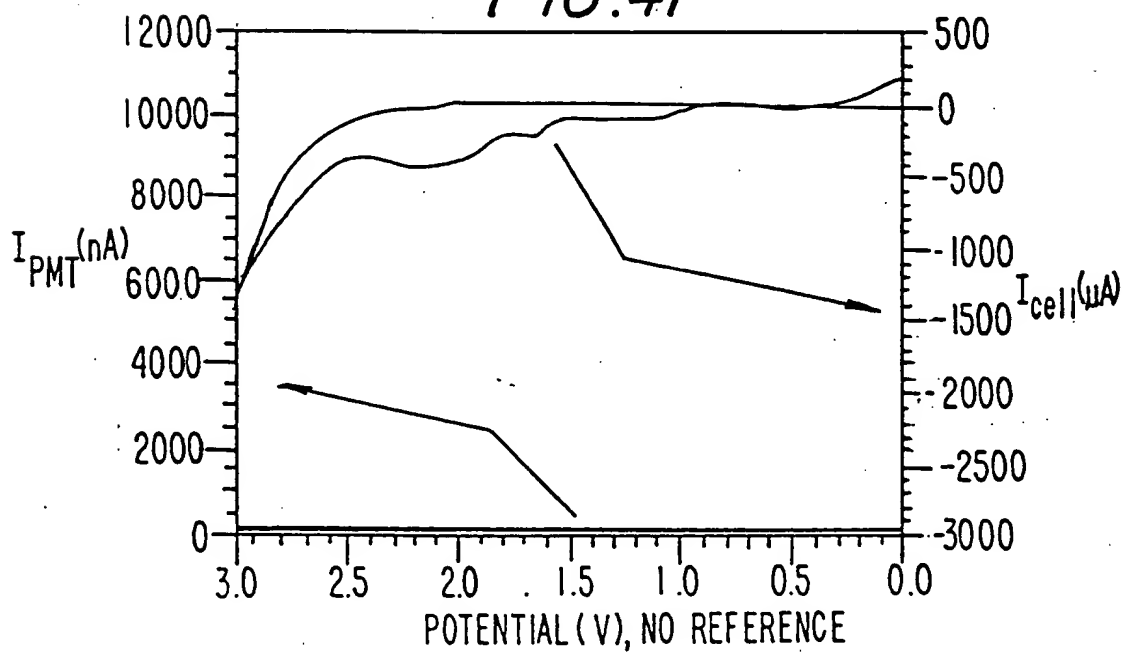


FIG. 41



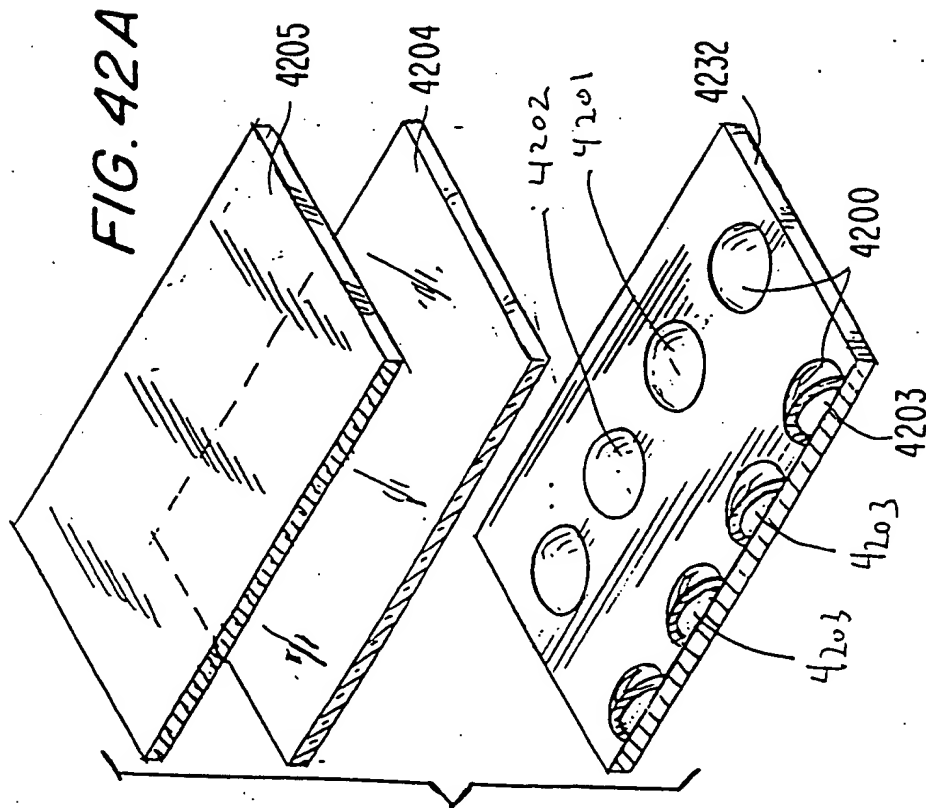


FIG. 42A

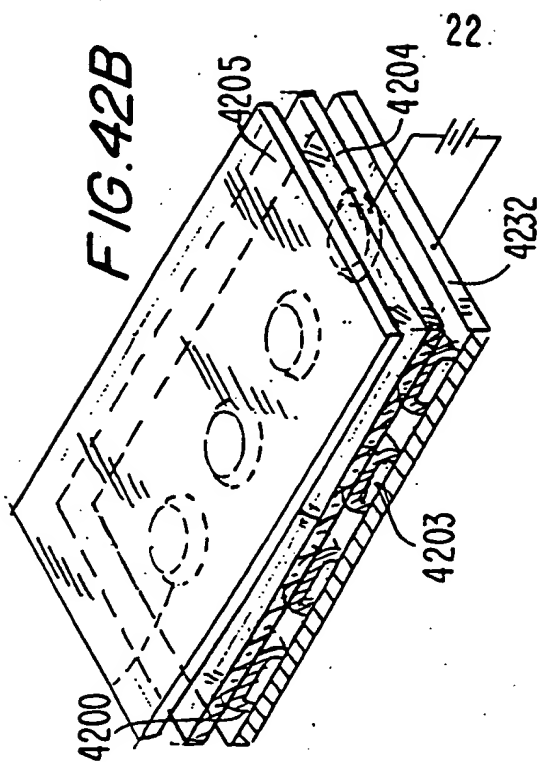


FIG. 42B

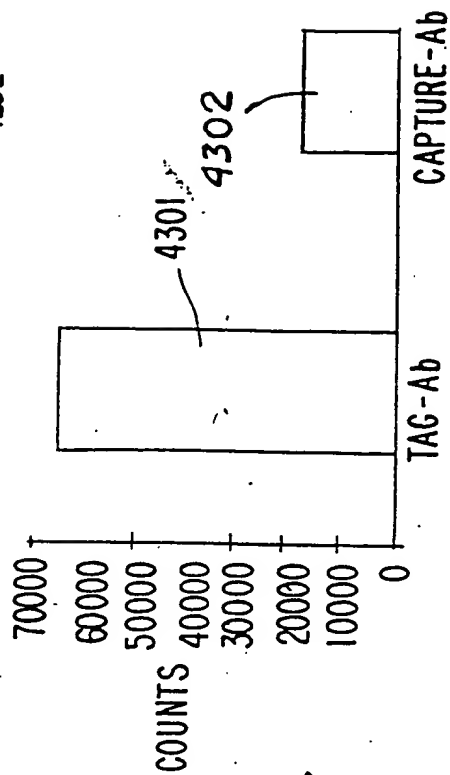


FIG. 43

FIG. 44A

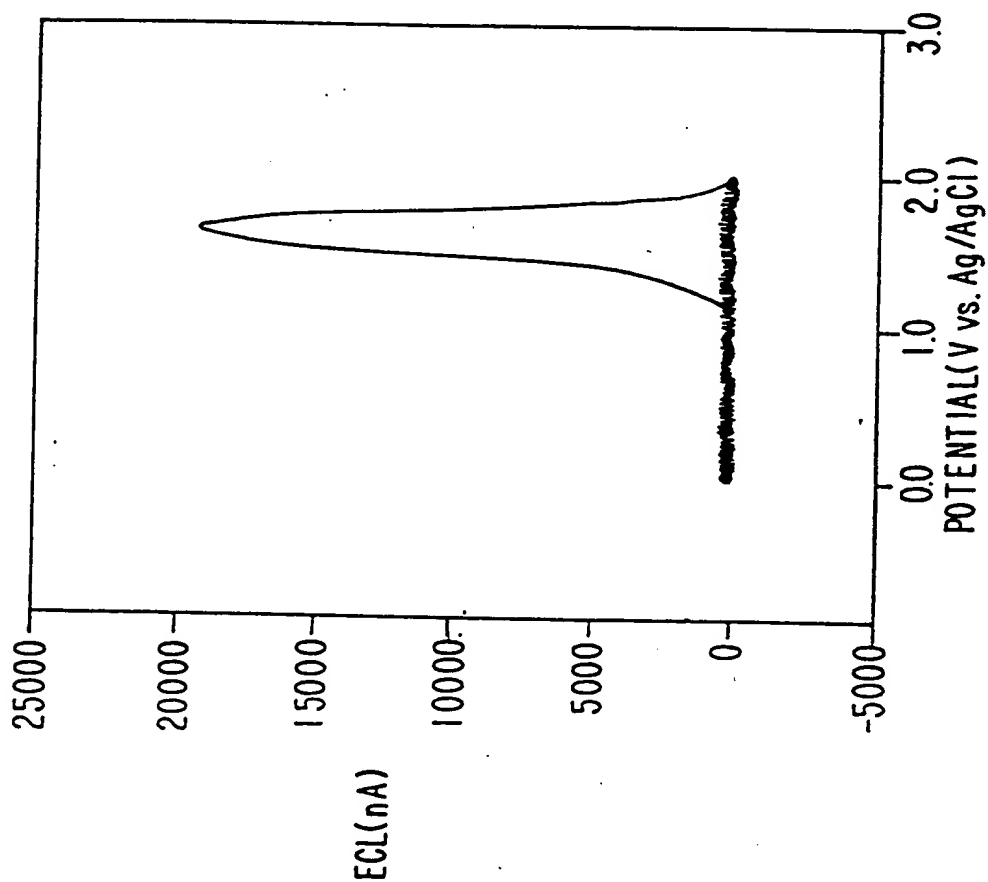


FIG. 44B

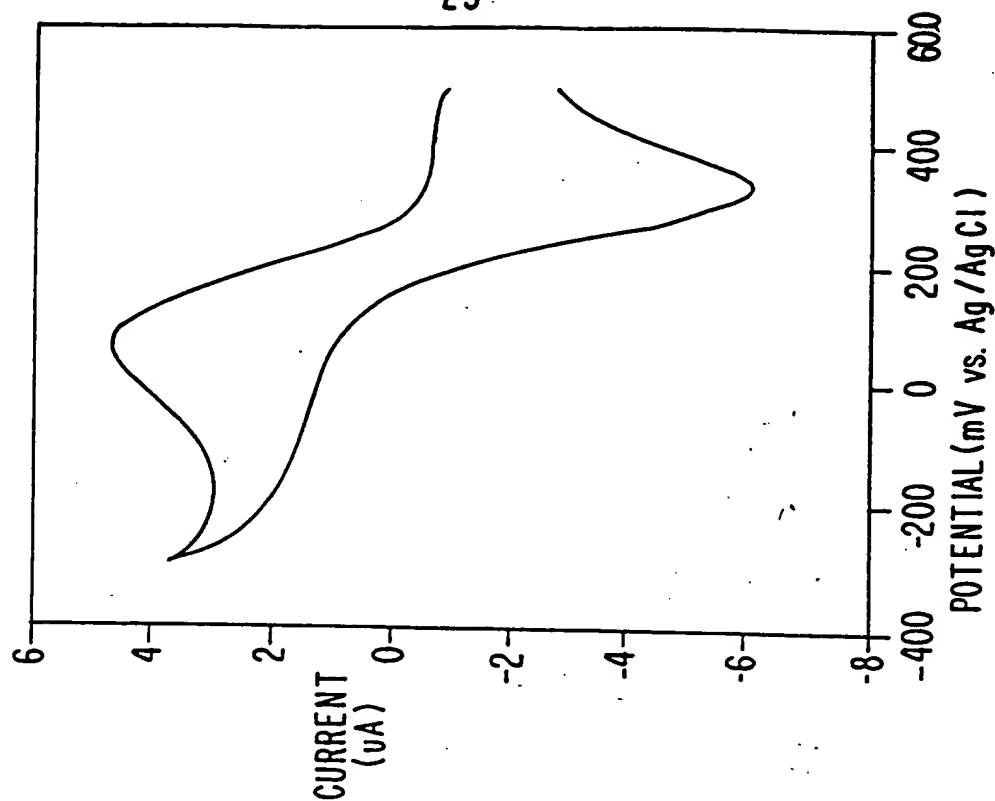


FIG. 45A

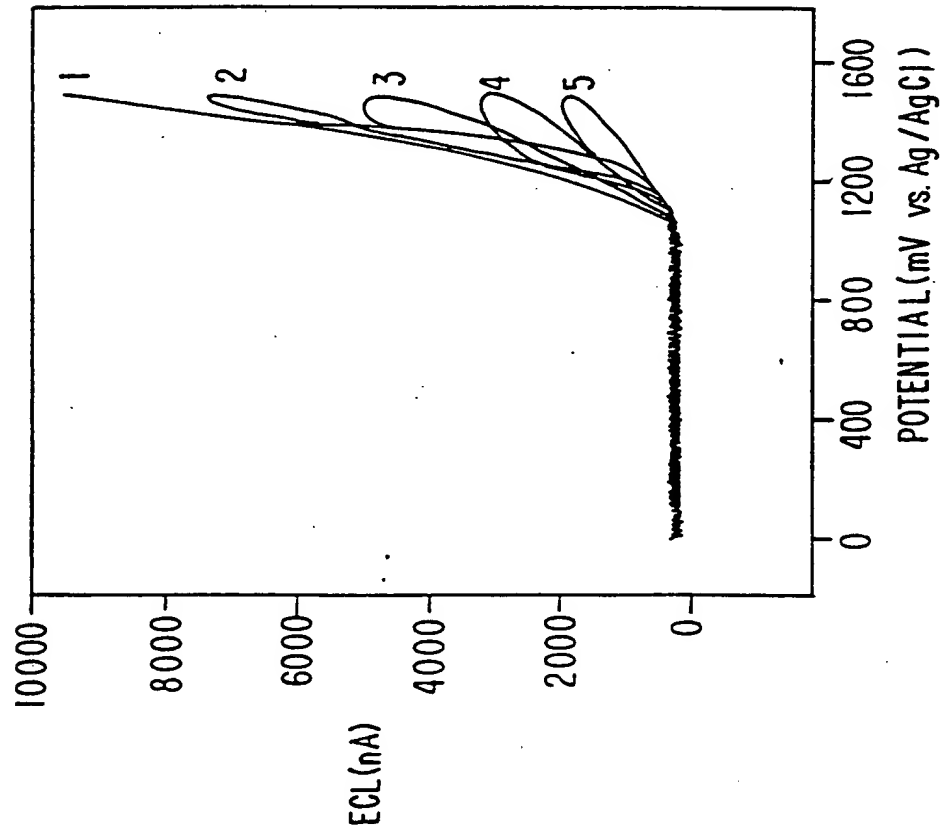


FIG. 45B

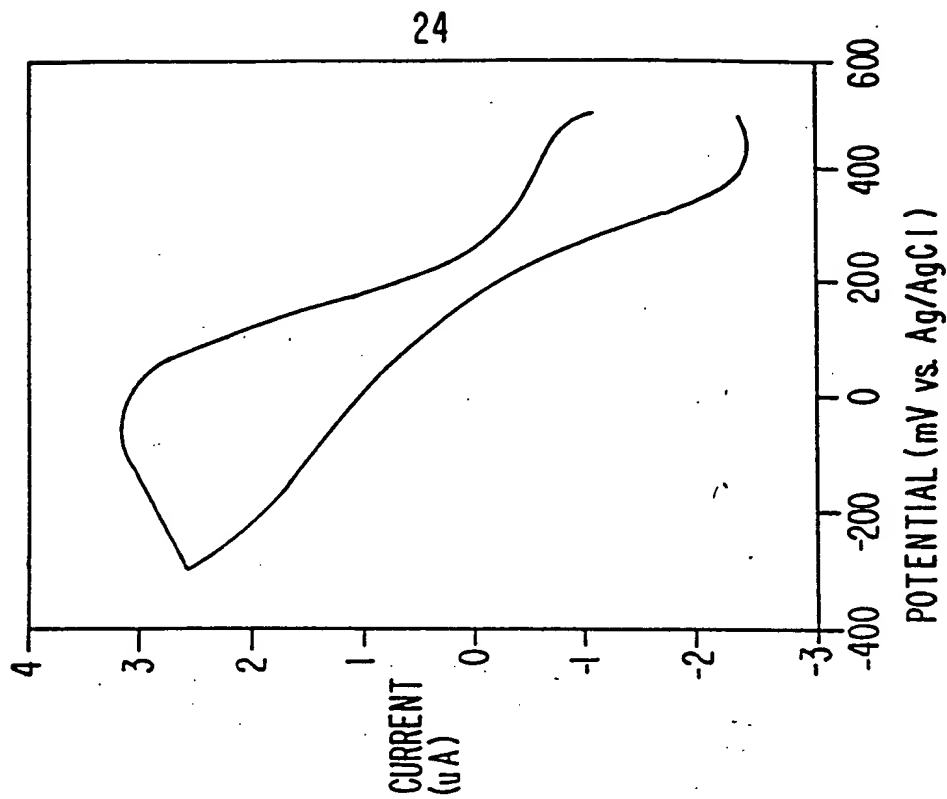


FIG. 46A

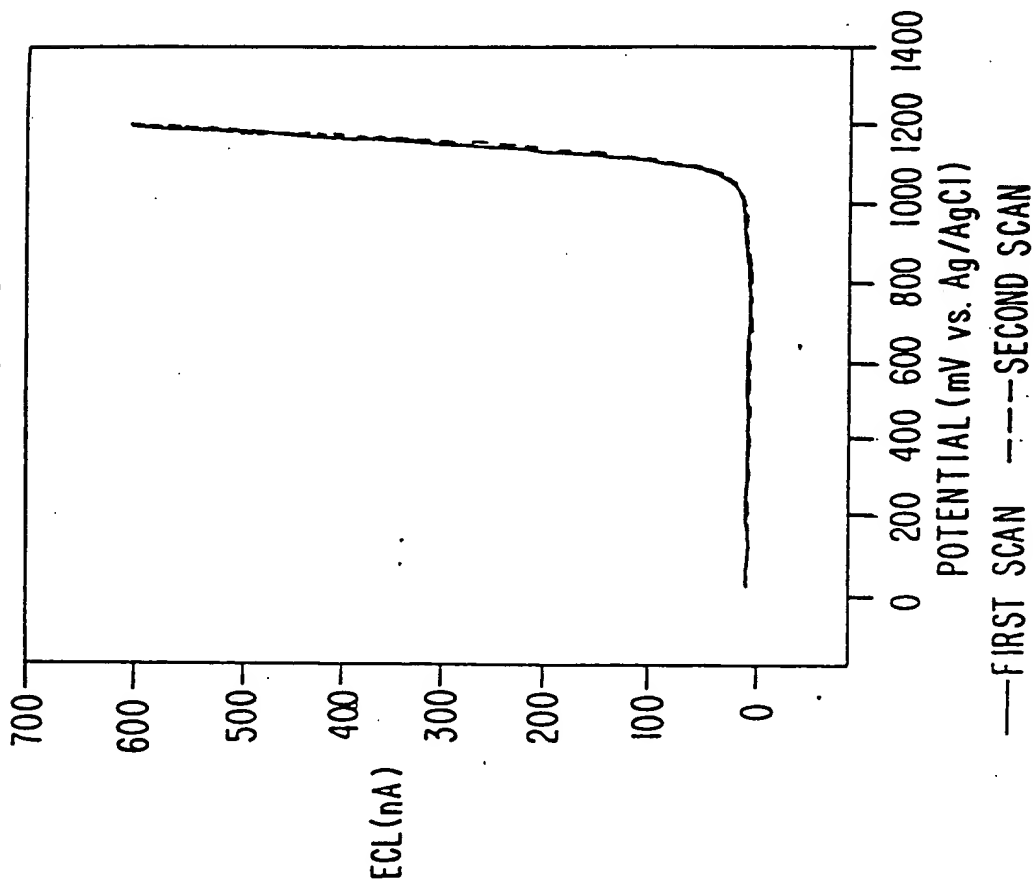


FIG. 46B

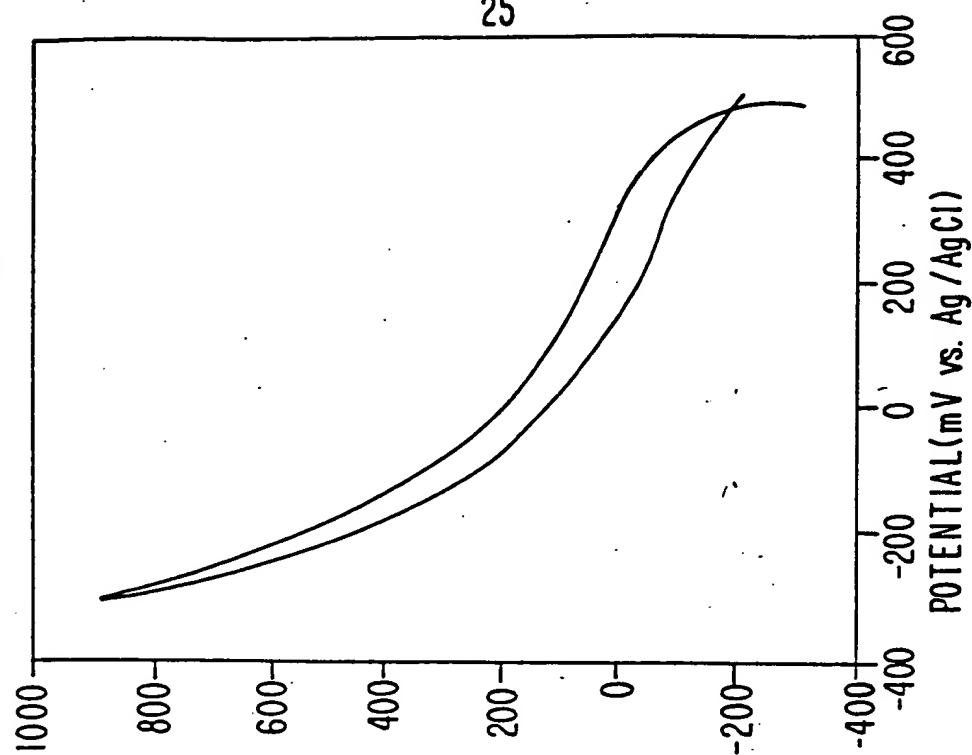
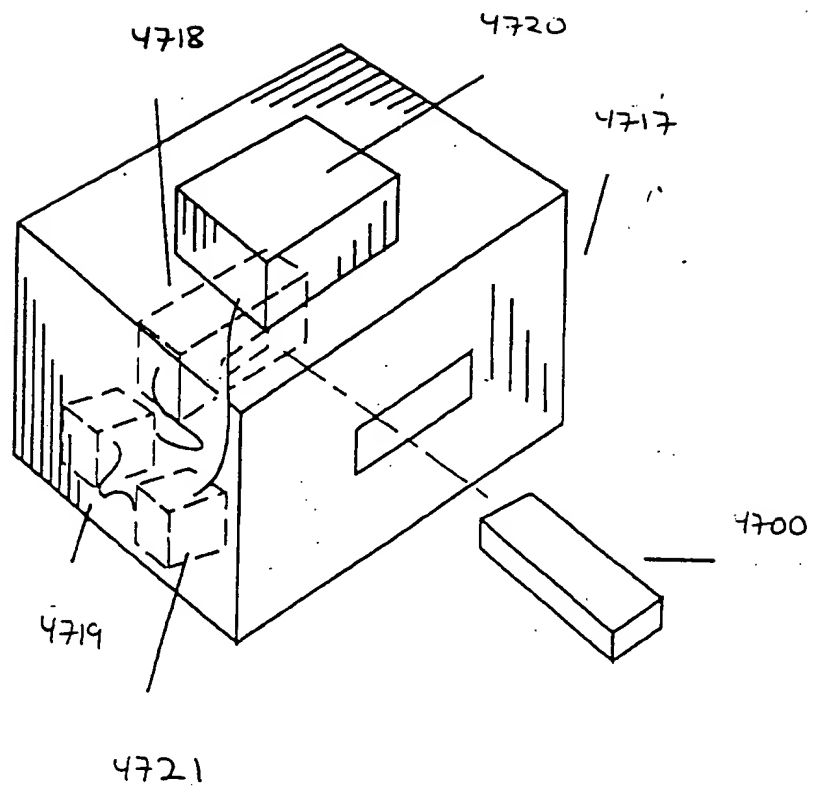
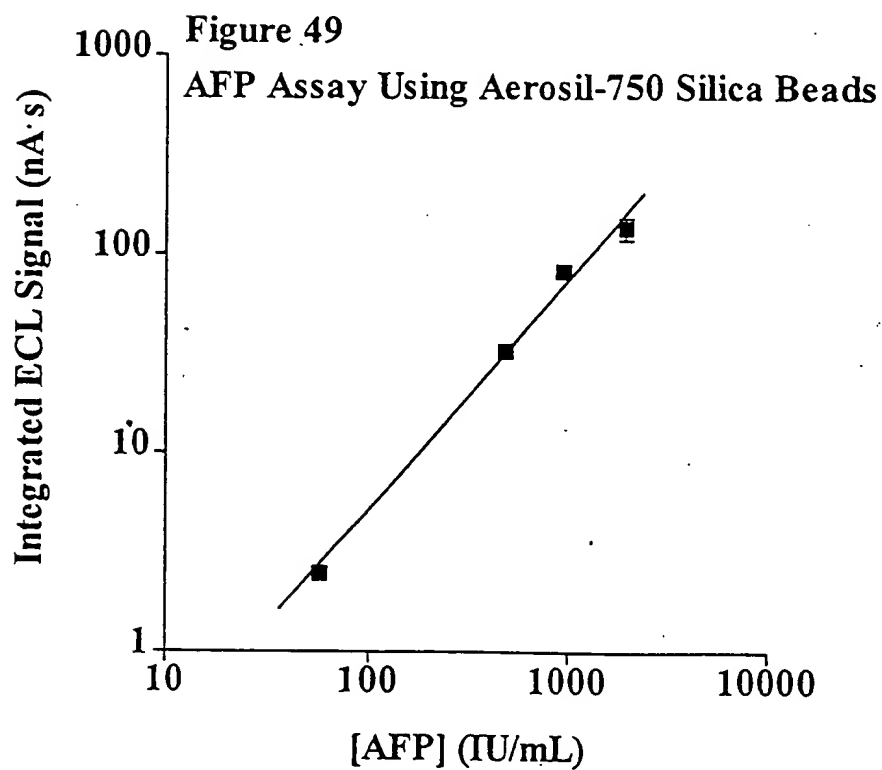
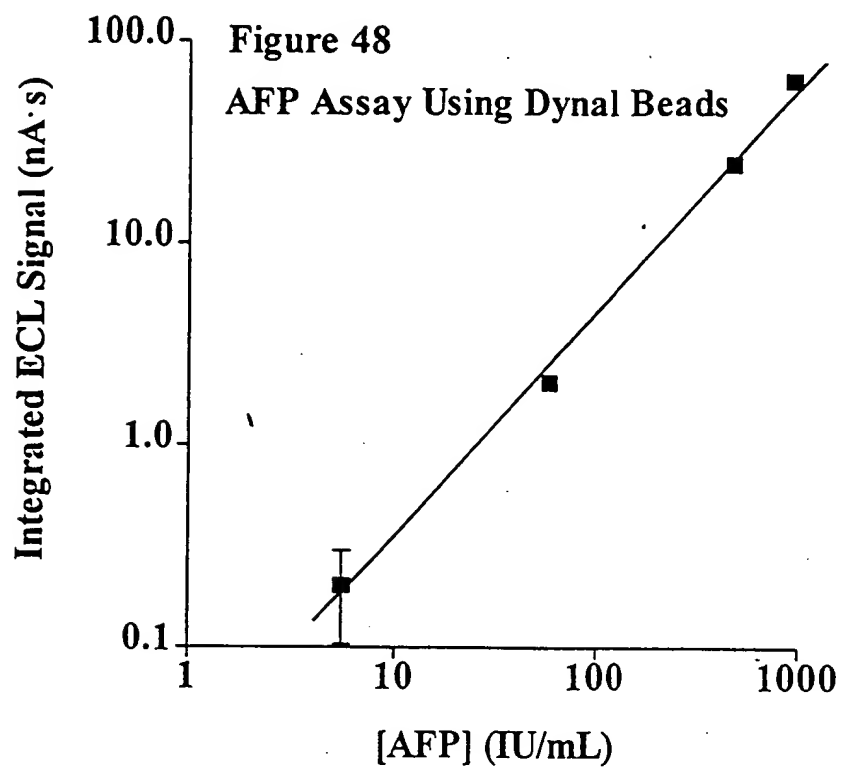


Figure 47

0377196 04904
10620 967260



0974796 013904

Figure 50

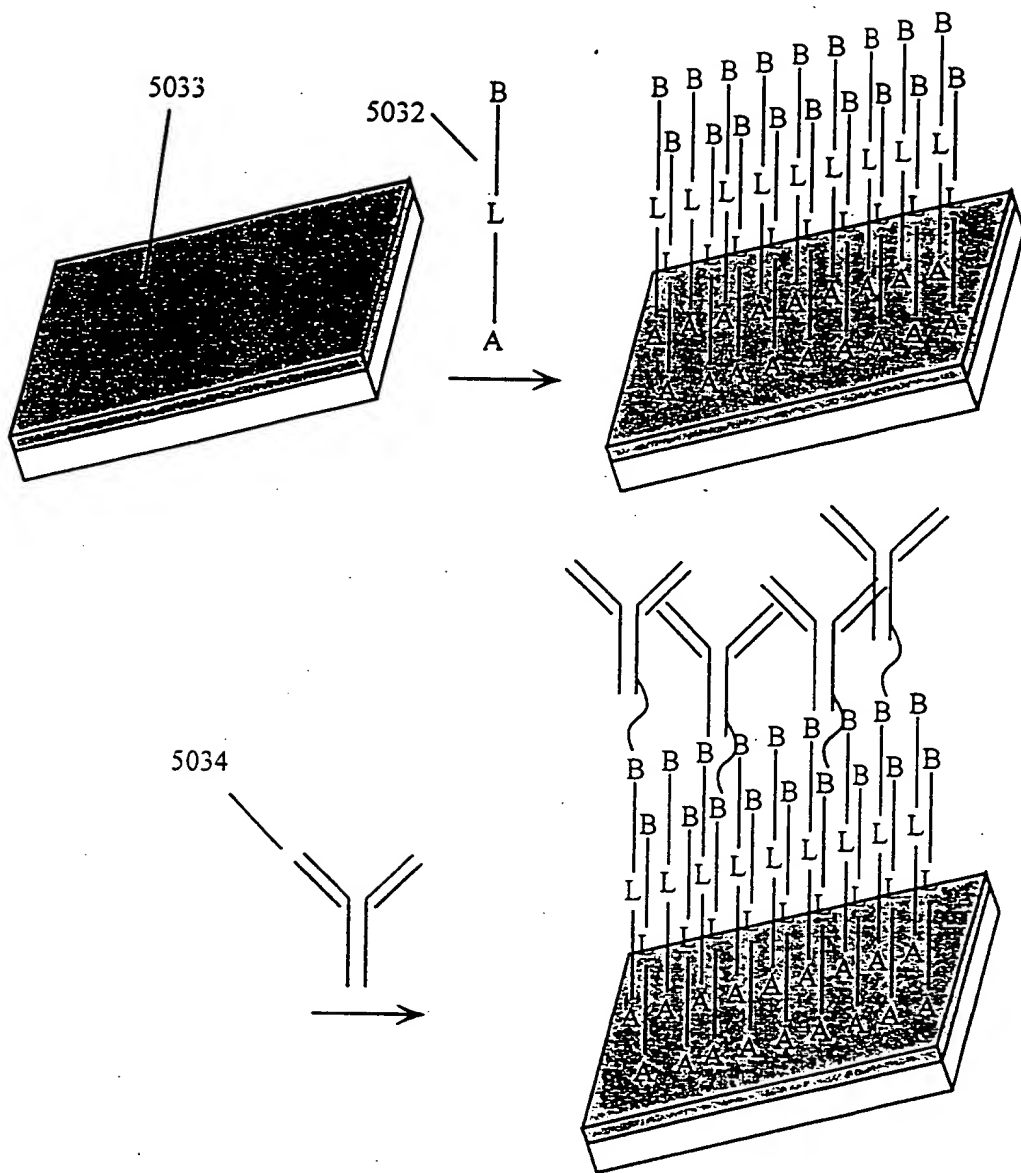


Figure 51

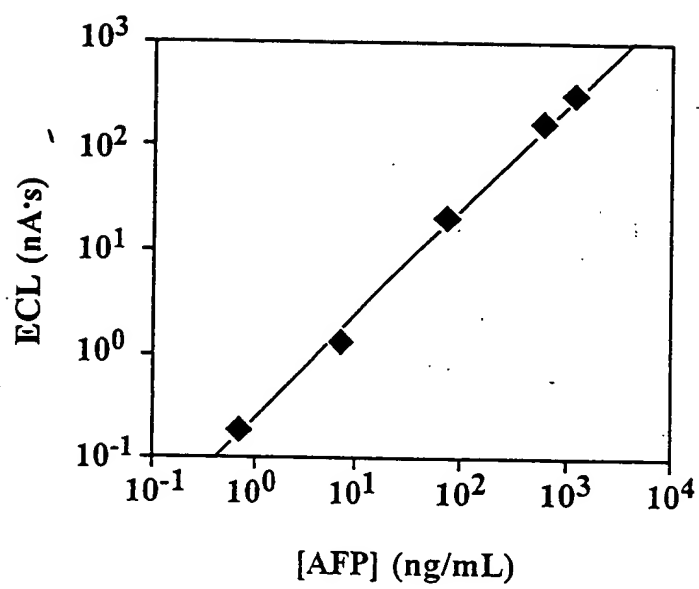


Figure 52

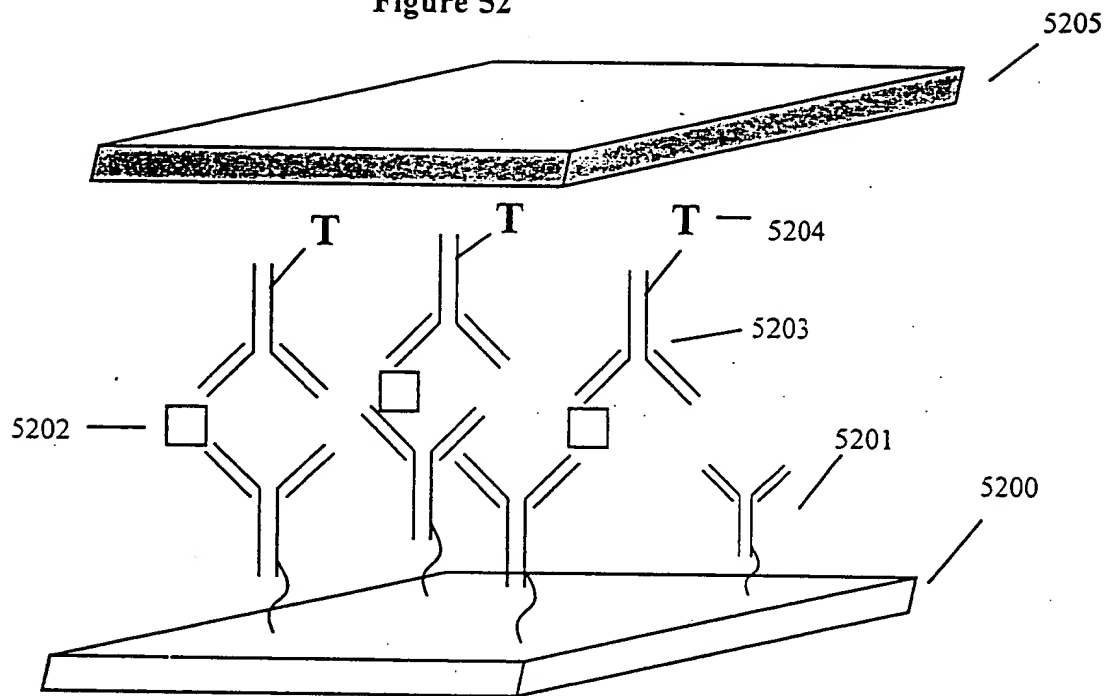


Figure 53

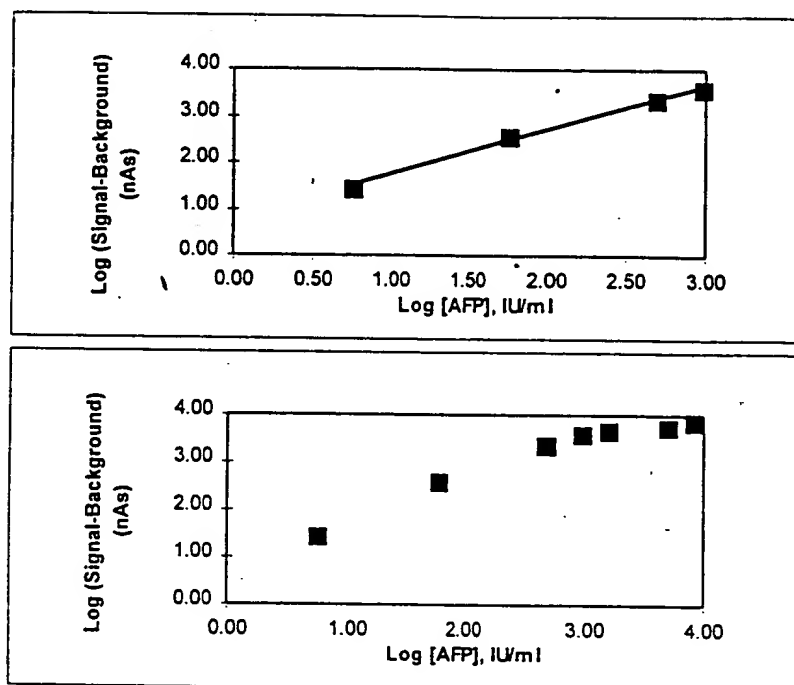
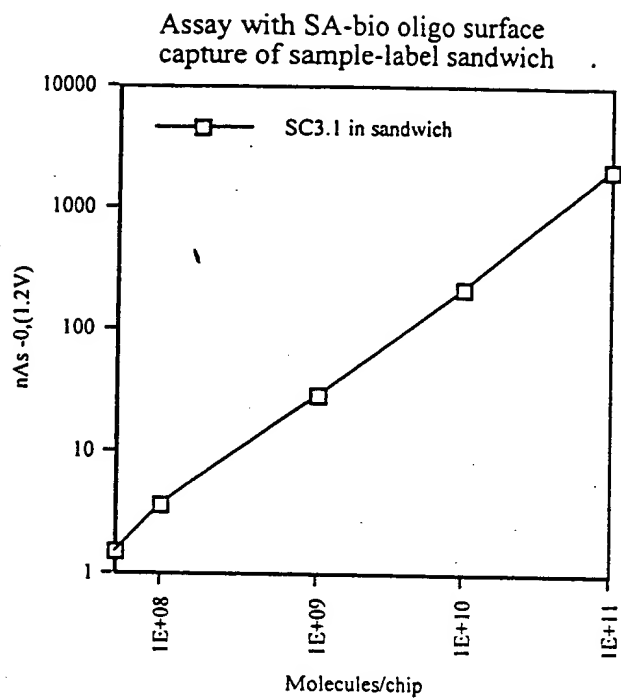


Figure 54



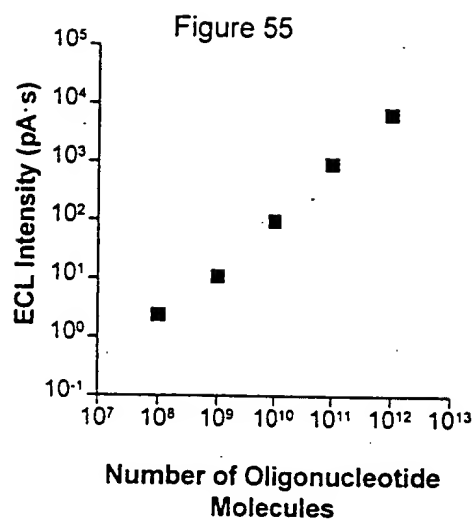


Figure 56

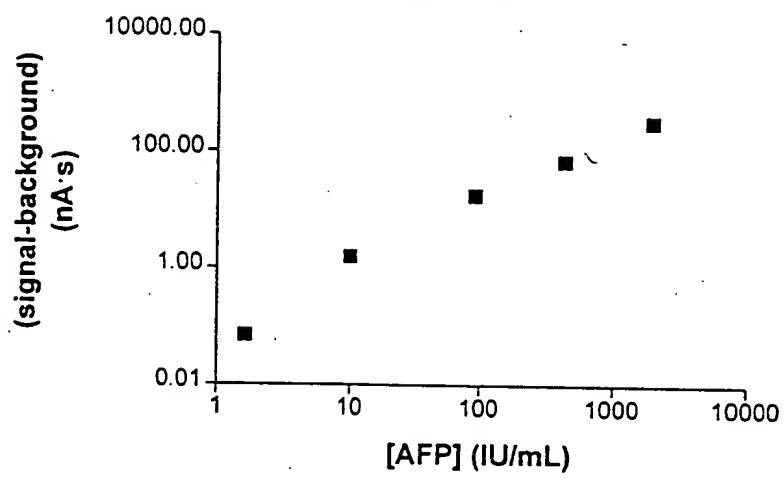
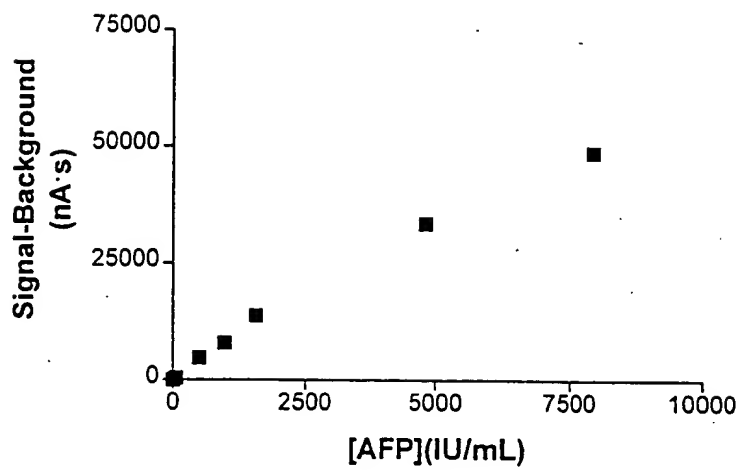


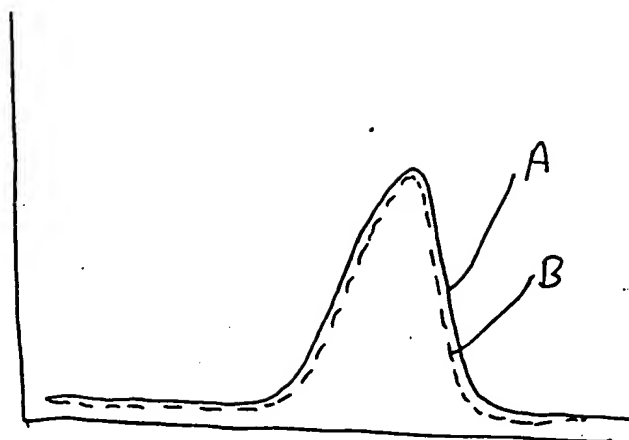
Figure 57



105310-0507260

(A)

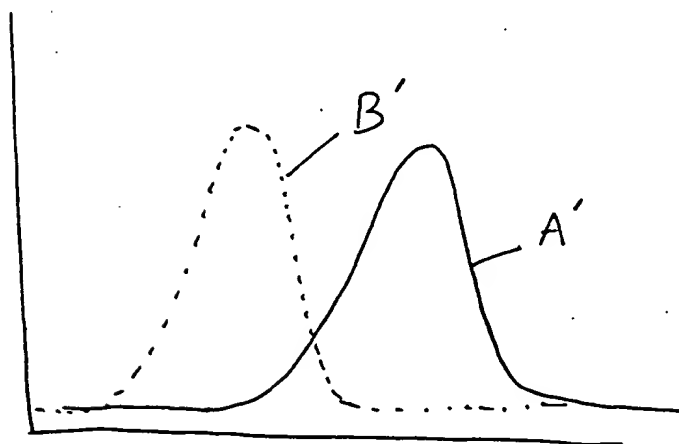
ECL
Signal



Electrochemical
Potential

(B)

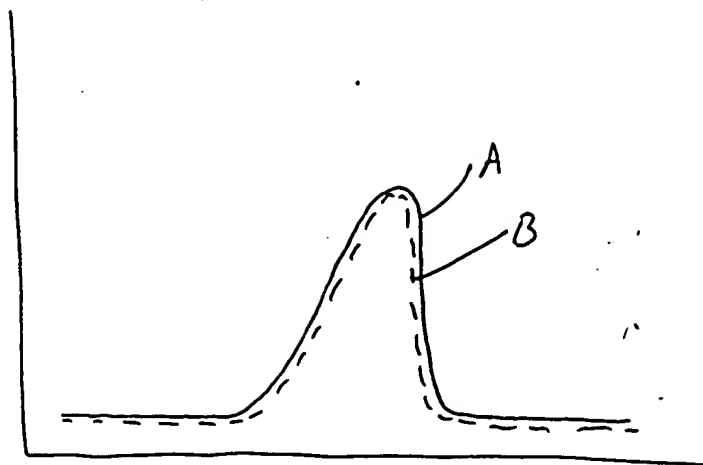
ECL
Signal



Electrochemical
Potential

Figure 58

(A)

ECL
SignalElectrochemical
Potential

(B)

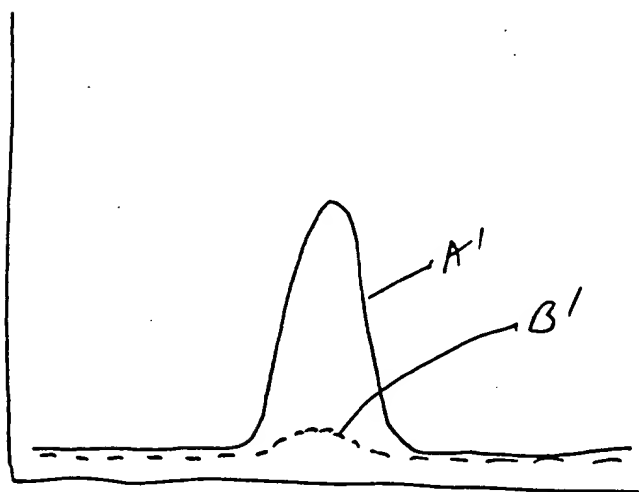
ECL
SignalElectrochemical
Potential

Figure S9

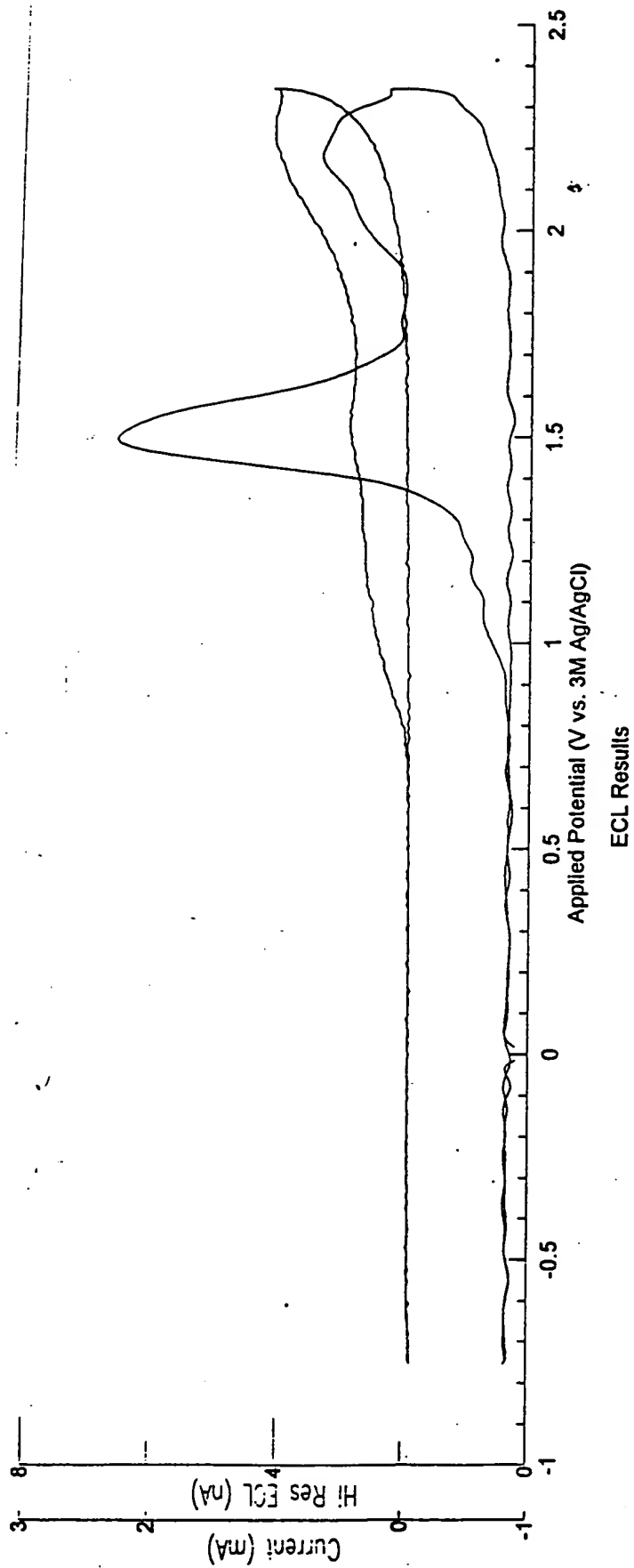


Figure 60

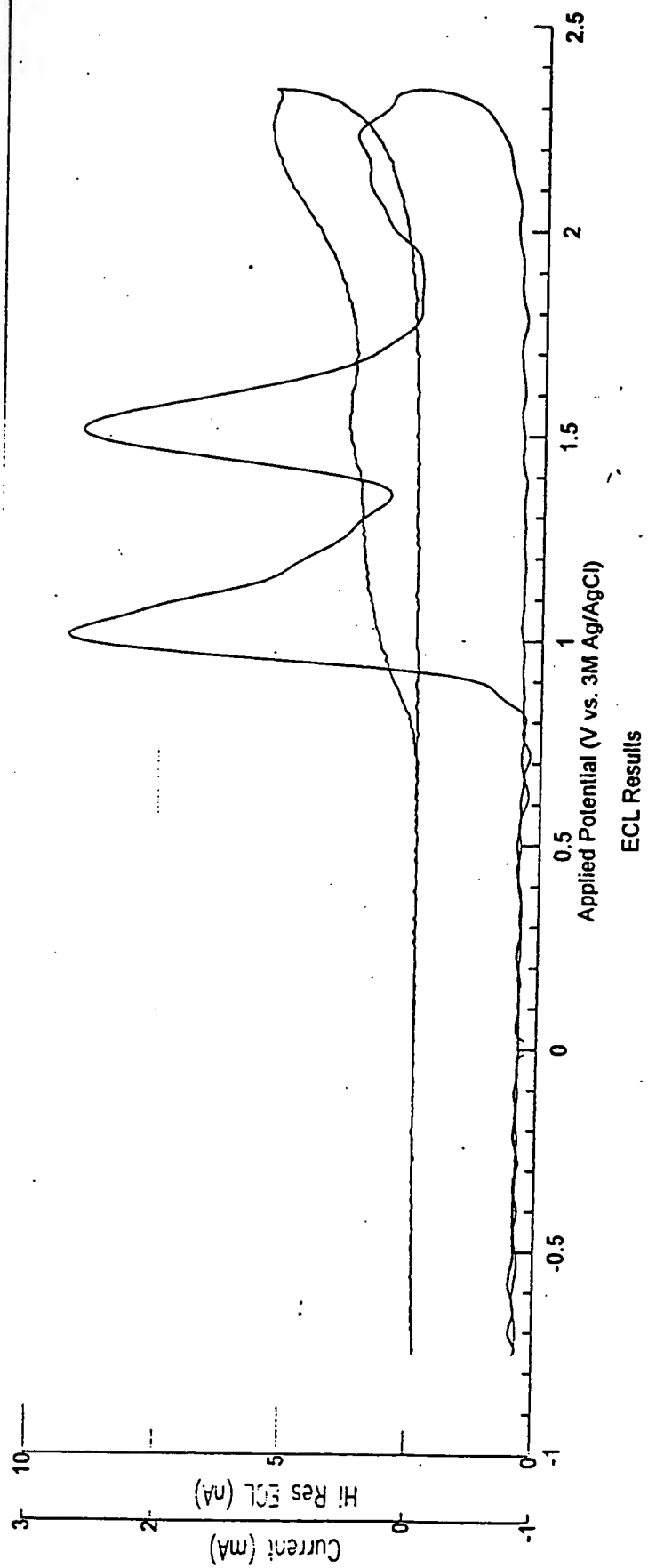


Figure 61